

WebCRV Training Manual

Prepared by:



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1 Web Current Replacement Value (WebCRV)

1.1 Introduction

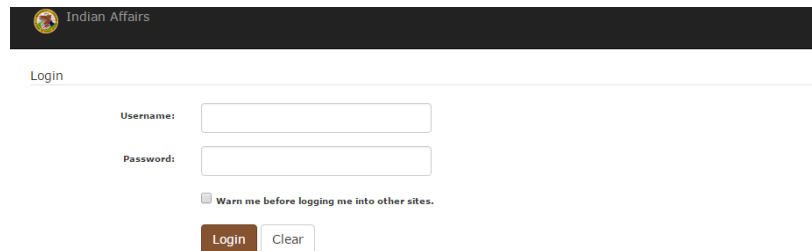
This *Web Current Replacement Value (WebCRV) Training Manual* is designed to help Indian Affairs (IA) staff use the Web Current Replacement Value (WebCRV) application to assign CRVs to operating locations. CRVs are determined by entering values in the CRV Calculator. Central Office will update an operating location's CRV by entering quantities into the CRV Calculator. Central Office will then approve or reject the operating location's CRV. Upon approval of a CRV for an operating location, the data will be sent to IA-FMS.

1.2 Getting Started

1.2.1 Logging in to WebCRV

To log in to WebCRV:

1. Open your web browser.
2. Enter the link for WebCRV.
3. The WebCRV **Login** page will appear, as shown below.



Indian Affairs

Login

Username:

Password:

Warn me before logging me into other sites.

Login Clear

4. Enter your Active Directory user name and password in the **User Name** and **Password** fields. If you do not know your user name and/or password, contact the Help Desk.
5. Click the **Login** button or press **Enter**.
6. If you entered your user name or password incorrectly or if you do not have access to the WebCRV application, you will see an error message. Otherwise, you will see the WebCRV **Home** page, described below.

1.2.2 Understanding User Roles

Every WebCRV user is assigned a user role and, if applicable, one or more sites or regions in BUMP. WebCRV application has one user role for IA staff:

- **Central Office** users are assigned to all regions in BUMP. They can perform the following tasks:
 - Search for locations
 - Review a location's CRV
 - Calculate a location's CRV
 - Revert a location's CRV
 - Approve a location's CRV
 - Reject a location's CRV
 - Generate reports
 - View reports
 - Export CAC spreadsheets
 - Import CAC spreadsheets
 - Export calculators
 - Import calculators
 - Create isolation factors

- Review assemblies
- Export data to Excel.

1.2.3 Title Bar

The black title bar across the top of the page, shown below, displays:

- The name of the application on the left side.
- Your name, followed by user ID in parentheses, and your user role, followed by site(s) or region in parentheses when applicable, on the right side. User roles determine the features of WebCRV that the user can use and the data that can be accessed.
- The **Logout** link and timer, also on the right side, shows how much time remains before the user is automatically logged out of WebCRV for inactivity. You can also click the **Logout** link to log out when you are done working in the application.



1.2.4 Menu Bar

The WebCRV menu bar has four main links and submenu options to navigate the application as shown below.



The table identifies each menu and describes the options on its submenu.

Menu	Option	Description
Home		Takes you to Home page, which displays Location Records Search and Filter and Location records search results that meet the search criteria. You can drill down to Location record's CRV calculation details and perform other actions.
Perform Central Office Approvals		Takes you to Perform Central Office Approvals page, which displays Location Records Search and Filter and Location Records Search Results that meet the search criteria with the Web CRV Status set to "Pending CO Approval". You can approve or reject CRV of Locations "Pending CO Approval" or drill down to Location record's CRV calculation details and perform other actions.
Reports		Takes you to Reports page, which provides links to reports within WebCRV application.
	Servicewide WebCRV Approval Status Summary Report (by Region)	Takes you to the Servicewide WebCRV Approval Status Summary Report (by Region) page, which displays a table listing servicewide WebCRV Approval statistics for each region.

	Regional WebCRV Approval Status Summary Report (by Site)	Takes you to the Regional WebCRV Approval Status Summary Report (by site) page, which displays a table listing Web CRV Approval statistics for each site within each region.
	Site WebCRV Approval Status Summary Report (by Location Type)	Takes you to the Site WebCRV Approval Status Summary Report (by Location Type) page, which displays a table listing WebCRV Approval statistics for each Location Type within each site.
	Location WebCRV Audit History Report	Takes you to the Location WebCRV Audit History Report page, which displays an audit log of all user actions by Maximo ID.
	Threshold Report	Takes you to the Threshold Report page, which displays Location records that fall within given CRV threshold limits.
Lookup		Takes you to the Lookup page, which displays links to various Lookup tables within WebCRV application.
	Isolation Factors	Takes you to the Isolation Factor page, which displays a table listing all Isolation Factors within a site. You have an option to update existing Isolation Factors or to create new ones.
	Assemblies	Takes you to the Assemblies page, which displays a table listing all Assemblies by a Location Type.

1.3 Home

The **Home** page is the first page that is displayed after a user successfully logs into the WebCRV application. On the **Home** page, the user will have the option to search for Location records using the **Location Records Search and Filter**, as well as review the Location records search results, which will display in the **Location Records Search Results** section of the **Home** page.

1.3.1 Accessing the Home Page

The **Home** page may be accessed two ways in the WebCRV application:

1. By logging into WebCRV, you will be directed to the home page. The **Home** page displays the **Location Search and Filter** section as shown below.

The screenshot shows the WebCRV Home page. At the top, there is a navigation bar with the following items: Home (highlighted with a red box), Perform Central Office Approvals, Reports (with a dropdown arrow), Lookup (with a dropdown arrow), and Admin (with a dropdown arrow). Below the navigation bar is a search bar for 'Location's Maximo ID:' with a 'Show Calculator' button and a tip: 'Tip: Double click on a specific record to display the CRV Calculator. Filter:'. The main content area is divided into two sections. On the left, there are seven filter fields, each with a dropdown menu set to 'All' and an 'Add' button: Location #, Location Type, Region, Site, Location Status, and WebCRV Status. On the right, there is a large empty search results area with a vertical scrollbar. At the bottom right of this area are three buttons: Search, Remove, and Remove All.

2. By clicking the **Home** link, you can return to the home page at any time.

1.3.2 Location Records Search and Filter

The **Location Records Search and Filter** section has seven search fields to find specific locations.

You can search for a location by entering data into the following fields:

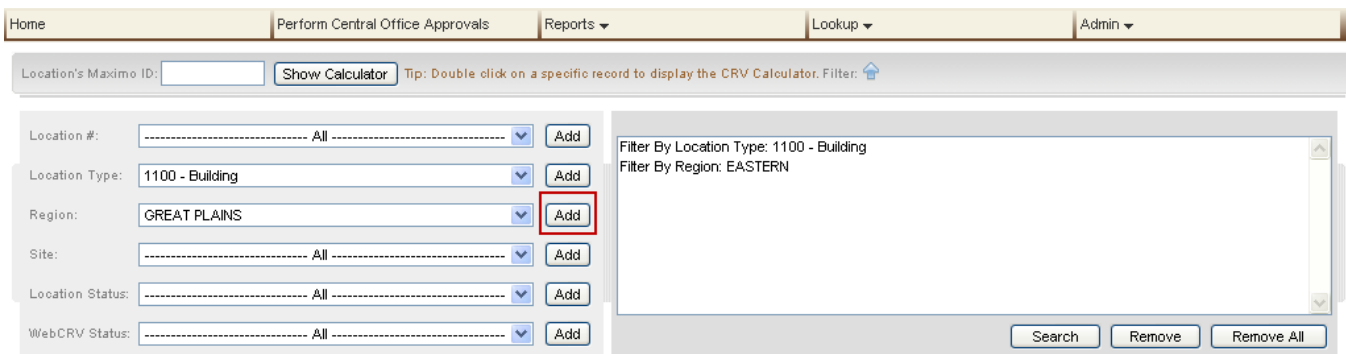
- **Maximo ID** – *Location's Maximo ID from IA-FMS*
- **Location #** – *Legacy FMIS Location # equivalent to the IA-FMS Site*
- **Location Type** – *Type of Location from IA-FMS*
 - 1100-Building
 - 1150-Room
 - 1300-Tower
 - 1400-Tank
- **Region** – *Region from IA-FMS*
- **Site** – *Site number from IA-FMS*
- **Location Status** – *IA-FMS status of a location*
 - DECOMMISSIONED – No longer an active location in IA-FMS
 - NOT READY – A potential location in IA-FMS, but not active

- OPERATING - Currently an active location in IA-FMS
- PLANNED – A potential location in IA-FMS that is in the planning stages, but not active
- **WebCRV Status** – *Status of a location in the WebCRV application*
 - Approved – The location’s CRV has been approved by Central Office.
 - CRV Update Due – The location needs a new or updated CRV.
 - CRV Update Due (Rejected) – The location’s CRV has been rejected by Central Office.
 - Pending CO Approval – The location’s CRV needs to be reviewed by Central Office.

1.3.3 Adding Values

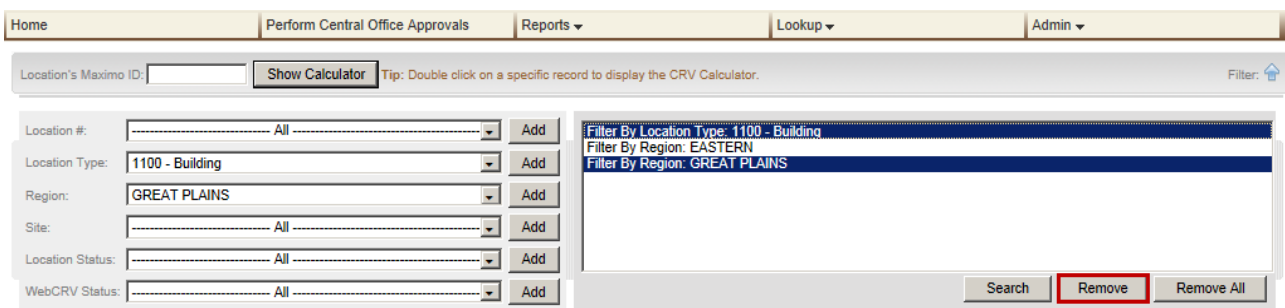
You can search for locations by selecting data from the value lists and clicking the **Add** button.

You may select multiple values from a value list by continuing to select a value and clicking the **Add** button as displayed below.



1.3.4 Removing Search Values

If you would like to remove one value from your search criteria, select the value you want to take out and click the **Remove** button. If you want to remove more than one value from the search criteria at once, hold down the **CTRL** key, select the values you want to remove and click on the **Remove** button, as displayed below.



If you would like to remove all your selected values from your search criteria, click the **Remove All** button as shown below. All your selected value will be cleared.

The screenshot shows the top navigation bar with 'Home', 'Perform Central Office Approvals', 'Reports', 'Lookup', and 'Admin'. Below this is a search bar for 'Location's Maximo ID' with a 'Show Calculator' button and a tip: 'Tip: Double click on a specific record to display the CRV Calculator. Filter:'. The main area contains several filter dropdowns: 'Location #' (All), 'Location Type' (1100 - Building), 'Region' (GREAT PLAINS), 'Site' (All), 'Location Status' (All), and 'WebCRV Status' (All). To the right is a list of active filters: 'Filter By Location Type: 1100 - Building' and 'Filter By Region: EASTERN'. At the bottom right of the filter area are three buttons: 'Search', 'Remove', and 'Remove All', with the 'Remove All' button highlighted by a red box.

1.3.5 Searching

If you are satisfied with your selected values for your search criteria, click the **Search** button displayed below.

This screenshot is identical to the one above, showing the same search filters and active filter list. However, in this view, the 'Search' button at the bottom right of the filter area is highlighted with a red box, indicating the next step in the process.

1.3.6 Location Records Search Results Section

Upon clicking on the **Search** button, your search results will display in the **Location Records Search Results** section, as shown below.

Home Admin Perform Central Office Approvals Reports Lookup

Location's Maximo ID: Show Calculator Tip: Double click on a specific record to display the CRV Calculator. Filter:

Location #: All Add
 Location Type: All Add
 Region: All Add
 Site: All Add
 Location Status: All Add
 WebCRV Status: All Add

Filter By Location Type: 1100 - Building
 Filter By Region: EASTERN

Search Remove Remove All

1 2 100 Items of 138 (2 Pages) Export To Excel (138)

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	Web CRV Status
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105568	BUILDING / STORAGE / NHEATED		904	1064.00 SF	\$181,845.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105569	BUILDING / SCHOOL / OTHER / DA...		905	27813.00 SF	\$7,219,420.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105570	BUILDING / SHOP / FACMNGMT		906	985.00 SF	\$179,073.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105571	BUILDING / SCHOOL / OTHER / DA...		907	988.00 SF	\$256,455.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105572	BUILDING / OFFICE		1	15943.00 SF	\$3,478,125.00	N/A	\$0.00	OPERATING	CRV Update Due

The following are the read-only data detail fields that are displayed in the **Location Records Search Results**:

- **Region** – region from IA-FMS
- **Site** – site number from IA-FMS
- **Site Description** – text description about the site
- **Location #** - legacy FMIS Location # (equivalent to the IA-FMS Site)
- **Location Type** – type of Location from IA-FMS
 - 1100-Building
 - 1150-Room
 - 1300-Tower
 - 1400-Tank
- **Maximo ID** – Maximo ID from IA-FMS
- **Location Description** – text about the Location
- **Structure #** - legacy FMIS structure #
- **Room #** - number belonging to a room within a structure
- **Location GSF** – gross square footage (GSF) of the location

- **CRV in IA-FMS** - *current approved CRV in IA-FMS*
- **Last Year IA-FMS CRV Calculated** – *year the current CRV had been approved*
- **Current Calculated CRV** - *calculated CRV that is currently pending approval*
- **Location Status** – *IA-FMS status of a location*
 - DECOMMISSIONED – no longer an active location in IA-FMS
 - NOT READY – a potential location in IA-FMS, but not active
 - OPERATING – currently an active location in IA-FMS
 - PLANNED – a potential location in IA-FMS that is in the planning stages, but not active
- **WebCRV Status** – *status of a location in WebCRV application*
 - Approved – the CRV has been approved by Central Office
 - CRV Update Due – the CRV needs to be updated
 - CRV Update Due (Rejected) – the CRV has been rejected by Central Office
 - Pending CO Approval – the CRV needs to be reviewed by Central Office

1.3.7 Viewing Results

Your location record results could display many rows that do not fit on one page. The **Location Records** page will always indicate in the upper left-corner:

- Current location records
- Total number of location records
- Current page of results
- Total number of pages.

In order to view all location records, you must use the navigation buttons displayed.

Location's Maximo ID: **Show Calculator** Tip: Double click on a specific record to display the CRV Calculator. Filter:

Location #: All **Add**
 Location Type: All **Add**
 Region: All **Add**
 Site: All **Add**
 Location Status: All **Add**
 WebCRV Status: All **Add**

Filter By Location Type: 1100 - Building
 Filter By Region: EASTERN
 Filter By Region: GREAT PLAINS

Search **Remove** **Remove All**

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Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Struct
GREAT PLAINS	IE114	PINE RIDGE SCHOOL	A06-16	1100	AB222901	Quarters, Multi-Family Housing	
GREAT PLAINS	IE114	PINE RIDGE SCHOOL	A06-16	1100	AB222902	Quarters, Multi-Family Housing	

The **Navigation** buttons as shown above are used to help navigate through results on the **Location Records** page. The table below describes the **Navigation** buttons.

#	Icon	Button Function	Description
1		First Page	Takes you to the beginning of the search results.
2		Previous Page	Takes you to the previous page to view.
3		Go to Page X	Takes you to the page designated on the button.
4		Viewing Page X	Tells you which page of location data results you are viewing.
5		Next	Takes you to the next page to view.
6		Last Page	Takes you to the last page of search results.

1.3.8 Selecting a Location Record

To select a location in the Location Records Search Results, click anywhere in the location's row. The location will become highlighted, as shown below.

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100001	Office		2001	17586.00 SF	\$365,740.27	2013	\$0.00	OPERATING	CRV Update Due
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100002	Warehouse		2007	5625.00 SF	\$0.00	2013	\$0.00	OPERATING	CRV Update Due
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100003	Shop, Maintenance		2009	6335.00 SF	\$1,896.36	2013	\$2,188.74	OPERATING	CRV Update Due (Rejected)

1.3.9 Hiding Location Records Search and Filter Section

If you no longer want to view the **Location Records Search and Filter** section, you can click on the **Up** arrow at the top of the page. The figure below illustrates the location of the **Up** arrow and the **Location Records Search and Filter** area that gets hidden upon clicking on the **Up** arrow.

Location's Maximo ID: [Show Calculator](#) Tip: Double click on a specific record to display the CRV Calculator [Filter:](#)

Location #: All [Add](#)

Location Type: All [Add](#)

Region: All [Add](#)

Site: All [Add](#)

Location Status: All [Add](#)

WebCRV Status: All [Add](#)

Filter By Location Type: 1100 - Building

Filter By Region: EASTERN

[Search](#) [Remove](#) [Remove All](#)

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Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105568	BUILDING / STORAGE / NHEATED		904	1064.00 SF	\$181,845.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105569	BUILDING / SCHOOL / OTHER / DA...		905	27813.00 SF	\$7,219,420.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105570	BUILDING / SHOP / FACMNGMT		906	985.00 SF	\$179,073.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105571	BUILDING / SCHOOL / OTHER / DA...		907	988.00 SF	\$256,455.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105572	BUILDING / OFFICE		1	15943.00 SF	\$3,478,125.00	N/A	\$0.00	OPERATING	CRV Update Due

The **Location Records Search Filter** will no longer display as shown below. To unhide the **Location Records Search Filter**, click the down arrow.

Location's Maximo ID: [Show Calculator](#) Tip: Double click on a specific record to display the CRV Calculator [Filter:](#)

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Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105568	BUILDING / STORAGE / NHEATED		904	1064.00 SF	\$181,845.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105569	BUILDING / SCHOOL / OTHER / DA...		905	27813.00 SF	\$7,219,420.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105570	BUILDING / SHOP / FACMNGMT		906	985.00 SF	\$179,073.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105571	BUILDING / SCHOOL / OTHER / DA...		907	988.00 SF	\$256,455.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105572	BUILDING / OFFICE		1	15943.00 SF	\$3,478,125.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105573	Storage, Other		6	1845.00 SF	\$402,505.20	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB105574	Shop, Facility Management		31	3780.00 SF	\$683,802.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB105575	Shop, Multi-Purpose		32	8326.00 SF	\$1,506,173.40	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB105576	Office		33	3492.00 SF	\$758,043.36	N/A	\$0.00	OPERATING	CRV Update Due

1.3.10 Sorting

You have the option to sort location data results by one field in either ascending or descending order.

To sort, you must click on the column heading of the column you want to sort as illustrated below.

Location's Maximo ID: [Show Calculator](#) Tip: Double click on a specific record to display the CRV Calculator. Filter: [Filter](#)

Location #: All [Add](#)

Location Type: All [Add](#)

Region: All [Add](#)

Site: All [Add](#)

Location Status: All [Add](#)

WebCRV Status: All [Add](#)

Filter By Location Type: 1100 - Building
Filter By Region: EASTERN

[Search](#) [Remove](#) [Remove All](#)

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Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105568	BUILDING / STORAGE / NHEATED		904	1064.00 SF	\$181,845.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105569	BUILDING / SCHOOL / OTHER / DA...		905	27813.00 SF	\$7,219,420.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105570	BUILDING / SHOP / FACMNGMT		906	985.00 SF	\$179,073.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105571	BUILDING / SCHOOL / OTHER / DA...		907	988.00 SF	\$256,465.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105572	BUILDING / OFFICE		1	15943.00 SF	\$3,478,125.00	N/A	\$0.00	OPERATING	CRV Update Due

After clicking the column you want to sort, an up arrow will appear, as shown below. An up arrow means the column is sorted in ascending order.

Location's Maximo ID: [Show Calculator](#) Tip: Double click on a specific record to display the CRV Calculator. Filter: [Filter](#)

Location #: All [Add](#)

Location Type: All [Add](#)

Region: All [Add](#)

Site: All [Add](#)


Location Status: All [Add](#)

WebCRV Status: All [Add](#)

Filter By Location Type: 1100 - Building
Filter By Region: EASTERN

[Search](#) [Remove](#) [Remove All](#)

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Region	Site	Site Description	Location #	Location Type	Maximo ID 	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105568	BUILDING / STORAGE / NHEATED		904	1064.00 SF	\$181,845.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105569	BUILDING / SCHOOL / OTHER / DA...		905	27813.00 SF	\$7,219,420.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105570	BUILDING / SHOP / FACMNGMT		906	985.00 SF	\$179,073.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105571	BUILDING / SCHOOL / OTHER / DA...		907	988.00 SF	\$256,465.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105572	BUILDING / OFFICE		1	15943.00 SF	\$3,478,125.00	N/A	\$0.00	OPERATING	CRV Update Due

To sort the column by descending order, click the up arrow. A down arrow will appear, as illustrated below. A down arrow means the column is sorted in descending order.

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105568	BUILDING / STORAGE / NHEATED		904	1084.00 SF	\$181,846.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105569	BUILDING / SCHOOL / OTHER / DA...		905	27813.00 SF	\$7,219,420.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105570	BUILDING / SHOP / FACMNGMT		906	985.00 SF	\$179,073.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE026	CHITIMACHA DAY SCHOOL	S50-09	1100	AB105571	BUILDING / SCHOOL / OTHER / DA...		907	988.00 SF	\$256,465.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IA002	CHEROKEE AGENCY	S52-01	1100	AB105572	BUILDING / OFFICE		1	15943.00 SF	\$3,478,125.00	N/A	\$0.00	OPERATING	CRV Update Due

1.3.11 Exporting Search Results to Excel

You may export Location records search results data into Excel spreadsheet by clicking on the “Export to Excel” button, as shown below. Error! Reference source not found.

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100003	Shop, Maintenance		2009	8335.00 SF	\$818,761,966.47	2013	\$0.00	OPERATING	CRV Update Due
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100004	Fire Station		2010	8835.00 SF	\$0.00	2013	\$0.00	OPERATING	CRV Update Due
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100005	Shop, Roads		2011	10800.00 SF	\$819,816,134.54	2013	\$0.00	OPERATING	CRV Update Due

Upon clicking on the **Export to Excel** button, the Location records search results data is exported into Excel spreadsheet, as displayed below.

	A	B	C	D	E	F	G	H	I	J
1	Site	Asset Code	Location	Description	Location Quantity	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current WebCRV	IAFMS Location Status	WebCRV Status
2	IA003	1100	A01-01	Shop, Maintenance	6335.00 SF	\$618,761,966.47	2013	\$0.00	OPERATING	CRV Update Due
3	IA003	1100	A01-01	Fire Station	8835.00 SF	\$0.00	2013	\$0.00	OPERATING	CRV Update Due
4	IA003	1100	A01-01	Shop, Roads	10800.00 SF	\$819,816,134.54	2013	\$0.00	OPERATING	CRV Update Due
5	IA003	1100	A01-01	Quarters, Multi-Family Housing	2145.00 SF	\$1,516,511.81	2013	\$0.00	OPERATING	CRV Update Due
6	IA003	1100	A01-01	Quarters, Garage, Detached	2120.00 SF	\$1,380,025.75	2013	\$0.00	OPERATING	CRV Update Due
7	IA003	1100	A01-01	Quarters, Multi-Family Housing	2145.00 SF	\$71,486.80	2013	\$0.00	OPERATING	CRV Update Due
8	IA003	1100	A01-01	Quarters, Multi-Family Housing	9418.00 SF	\$1,982,860.28	N/A	\$0.00	OPERATING	CRV Update Due
9	IA003	1100	A01-01	Quarters, Garage, Detached	2120.00 SF	\$379,271.20	2013	\$0.00	OPERATING	CRV Update Due
10	IA003	1100	A01-01	Quarters, Multi-Family Housing	7352.00 SF	\$1,547,887.62	N/A	\$0.00	OPERATING	CRV Update Due
11	IA003	1100	A01-01	Quarters, Garage, Detached	2120.00 SF	\$3,033.02	2013	\$0.00	OPERATING	CRV Update Due
12	IA003	1100	A01-01	Quarters, Multi-Family Housing	7352.00 SF	\$71,486.80	2013	\$0.00	OPERATING	CRV Update Due
13	IA003	1100	A01-01	Quarters, Single-Family	2574.00 SF	\$462,573.94	N/A	\$0.00	OPERATING	CRV Update Due
14	IA003	1100	A01-01	Quarters, Single-Family	2236.00 SF	\$1,170,085,561.71	2013	\$0.00	OPERATING	CRV Update Due
15	IA003	1100	A01-01	Quarters, Garage, Detached	264.00 SF	\$25,166.00	N/A	\$0.00	OPERATING	CRV Update Due
16	IA003	1100	A01-01	Quarters, Single-Family	1698.00 SF	\$305,148.27	N/A	\$0.00	OPERATING	CRV Update Due
17	IA003	1100	A01-01	Quarters, Multi-Family Housing	3997.00 SF	\$841,526.95	N/A	\$0.00	OPERATING	CRV Update Due
18	IA003	1100	A01-01	Quarters, Garage, Detached	1080.00 SF	\$102,950.00	N/A	\$0.00	OPERATING	CRV Update Due
19	IA003	1100	A01-01	Quarters, Multi-Family Housing	4160.00 SF	\$875,843.72	N/A	\$0.00	OPERATING	CRV Update Due
20	IA003	1100	A01-01	Quarters, Single-Family	2270.00 SF	\$407,943.04	N/A	\$0.00	OPERATING	CRV Update Due
21	IA003	1100	A01-01	Quarters, Garage, Detached	533.00 SF	\$50,807.00	N/A	\$0.00	OPERATING	CRV Update Due
22	IA003	1100	A01-01	Quarters, Single-Family	2080.00 SF	\$373,797.97	N/A	\$0.00	OPERATING	CRV Update Due
23	IA003	1100	A01-01	Quarters, Single-Family	2744.00 SF	\$493,124.42	N/A	\$0.00	OPERATING	CRV Update Due
24	IA003	1100	A01-01	Quarters, Single-Family	2601.00 SF	\$467,426.99	N/A	\$0.00	OPERATING	CRV Update Due
25	IA003	1100	A01-01	Quarters, Multi-Family Housing	4160.00 SF	\$875,843.72	N/A	\$0.00	OPERATING	CRV Update Due
26	IA003	1100	A01-01	Quarters, Garage, Detached	1084.00 SF	\$103,331.00	N/A	\$0.00	OPERATING	CRV Update Due
27	IA003	1100	A01-01	Quarters, Multi-Family Housing	4160.00 SF	\$875,843.72	N/A	\$0.00	OPERATING	CRV Update Due
28	IA003	1100	A01-01	Quarters, Single-Family	2552.00 SF	\$458,620.80	N/A	\$0.00	OPERATING	CRV Update Due
29	IA003	1100	A01-01	Quarters, Garage, Detached	532.00 SF	\$50,712.00	N/A	\$0.00	OPERATING	CRV Update Due
30	IA003	1100	A01-01	Quarters, Single-Family	1498.00 SF	\$269,205.40	N/A	\$0.00	OPERATING	CRV Update Due
31	IA003	1100	A01-01	Quarters, Single-Family	1696.00 SF	\$304,789.72	N/A	\$0.00	OPERATING	CRV Update Due

1.4 CRV Calculator Page

The **CRV Calculator** allows you to review locations' CRVs, as well as recording and reporting of the CRV data. You can access the **CRV Calculator** for any given Location record regardless of the WebCRV Status. The Central Office is responsible for calculating operating location's CRV and then sending the location record to another designated Central Office user to review and approve.

1.4.1 Viewing CRV Calculator

- 1) The **CRV Calculator** can be accessed for operating location records by double-clicking on any of the location records displayed in the **Location Records Search and Filter** section, as shown below.

The screenshot shows the 'WEB CRV Calculator' interface for the Bureau of Indian Affairs. At the top, it displays the user 'MAXADMIN (MAXADMIN)' and the time '08:59'. Below this is a navigation menu with 'Home', 'Admin', 'Perform Central Office Approvals', 'Reports', and 'Lookup'. The main area contains a search and filter section with a 'Show Calculator' button and a tip: 'Double click on a specific record to display the CRV Calculator.' There are several dropdown menus for filtering by Location #, Location Type, Region, Site, Location Status, and WebCRV Status. A search box shows filters for 'Location Type: 1100 - Building' and 'Region: EASTERN'. Below the filters is a table of location records. The table has columns for Region, Site, Site Description, Location #, Location Type, Maximo ID, Location Description, Structure #, Room #, Location GSF, CRV in IAFMS, Last Year IAFMS CRV Calculated, Current Calculated CRV, Location Status, and WebCRV Status. One record is highlighted with a red box: 'EASTERN IE019 CHEROKEE ELEMENTARY/ HIGH SCHOOL S52-03 1100 AB223182 Office 33 1748.00 SF \$377,136.00 N/A \$0.00 OPERATING CRV Update Due'.

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
EASTERN	IA092	SEMINOLE AGCY	S53-01	1100	AB223479	Office	302		2441.00 SF	\$230,797.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB223182	Office	33		1748.00 SF	\$377,136.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB223181	Shop, Multi-Purpose	32		4183.00 SF	\$749,340.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB223180	Shop, Facility Management	31		1890.00 SF	\$340,200.00	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB223179	Office	33		1748.00 SF	\$380,907.36	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB223178	Shop, Multi-Purpose	32		4183.00 SF	\$756,833.40	N/A	\$0.00	OPERATING	CRV Update Due
EASTERN	IE019	CHEROKEE ELEMENTARY/ HIGH SCHOOL	S52-03	1100	AB223177	Shop, Forestry	31		1890.00 SF	\$343,602.00	N/A	\$0.00	OPERATING	CRV Update Due

- 2) Upon double-clicking on the Location record, the **CRV Calculator** will display on the **CRV Calculator** page, as shown below.

Calculator						
1100	Building		History: CRV Update Due Clear			
Maximo ID	Location Description	Location Status	Location GSF	CRV		
AB105569	BUILDING / SCHOOL / OTHER / DAY Located at IE026 (CHITIMACHA DAY SCHOOL)	OPERATING	27813.00 SF	Current CRV in IAFMS: \$7,219,420.00 Last Calculated Year: N/A		
Comments: (Max 100 characters)				FCI: 0		
				Direct Cost CRV based on national average: \$0.00		
				Isolation Factor: 1.00		
				Direct Cost CRV with Isolation Factor: \$0.00		
				Net Construction Markup 77.744% \$0.00		
				Total CRV: \$0.00		
Asset/Feature/Type Description		Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story						
	Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
	Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
	EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
	Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story						
	Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
	Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
	Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
	Wood Siding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem.						
	Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	0	SF	\$161.70	\$0.00	\$0.00
	Face Brick with Concrete Block Back-up/Bearing Walls	0	SF	\$154.78	\$0.00	\$0.00
	Decorative Concrete Block/Bearing Walls	0	SF	\$150.62	\$0.00	\$0.00
	Decorative Concrete Block/Steel Walls/Frame	0	SF	\$155.10	\$0.00	\$0.00
	Stucco on Concrete Block/Bearing Walls	0	SF	\$148.77	\$0.00	\$0.00
	Stucco on Concrete Block/Steel Frame	0	SF	\$155.69	\$0.00	\$0.00
School Jr. High, 2-3 Story						
School Sr.High 2-3 Story						
Dormitory 2-3 story						
Fire Station						
Warehouse						
Office (AVG Cost)						
School (AVG Cost)						
Dormitory (AVG Cost)						
Warehouse (AVG Cost)						
Historic / Other Costs						
		0		0	\$0.00	\$0.00
		0		0	\$0.00	\$0.00
		0		0	\$0.00	\$0.00
		0		0	\$0.00	\$0.00
		0		0	\$0.00	\$0.00
		0		0	\$0.00	\$0.00

Guidance

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the **Historic/Other Costs** section of the Calculator to complete the estimate.
- For items added to the **Historic/Other Costs** section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

Save Return to Location List Export to Excel

1.4.2 Location Data Detail Section

The top left section of the **CRV Calculator** displays the following basic information for the selected Location as shown below:

- **Maximo ID** - Location's identifier.
- **Location Description** –Text about the Location.
- **Location Status** - Current status of the given Location. The Location Status can be one of the following:
 - Operating
 - Decomposed
 - Planned
 - Not Ready
- **Location GSF** – Gross Square Feet is the total square feet of the Location.

Calculator

History: | CRV Update Due Clear

Maximo ID	Location Description	Location Status	Location GSF	Current CRV in IAFMS:	CRV
1100	Building				
AB105569	BUILDING / SCHOOL / OTHER / DAY Located at IE026 (CHITIMACHA DAY SCHOOL)	OPERATING	27813.00 SF		\$7,219,420.00
Comments: (Max 100 characters)				List Calculated Year:	N/A
				FCI:	0
				Direct Cost CRV based on national average:	\$0.00
				Isolation Factor:	1.00
				Direct Cost CRV with Isolation Factor:	\$0.00
				Net Construction Markup 77.744%:	\$0.00
				Total CRV:	\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Stud/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Sliding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Sliding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem.					
Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	0	SF	\$161.70	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Bearing Walls	0	SF	\$154.78	\$0.00	\$0.00
Decorative Concrete Block/Bearing Walls	0	SF	\$150.62	\$0.00	\$0.00
Decorative Concrete Block/Steel Walls/Frame	0	SF	\$155.10	\$0.00	\$0.00
Stucco on Concrete Block/Bearing Walls	0	SF	\$148.77	\$0.00	\$0.00
Stucco on Concrete Block/Steel Frame	0	SF	\$155.69	\$0.00	\$0.00
School Jr. High, 2-3 Story					
School Sr.High 2-3 Story					
Dormitory 2-3 story					
Fire Station					

Guidance

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the **Historic/Other Costs** section of the Calculator to complete the estimate.

- For Items added to the **Historic/Other Costs** section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

1.4.3 CRV Data Detail

The top right section of the CRV **Calculator** shows the current CRV information in the **CRV** column for the given Location record, as shown below. The CRV Calculator will display the following CRV information for the given Location:

- **Current CRV in IA-FMS** - *dollar amount of the last approved CRV for the given location.*
- **Last Calculated Year** – *the last year a CRV for the given location was approved.*
- **FCI** – *the condition of the constructed asset by calculating the sum of all deficiencies and dividing the sum by the CRV value. The higher the FCI, the poorer the condition of the asset*
- **Direct Cost CRV based on national average** – *The calculated sum of all assembly costs in the CRV calculator. The Direct Cost CRV based on national average is dynamically calculated, when user enters quantities needed.*
- **Isolation Factor** – *A calculation is used to regulate cost values based on the geographic location and the economic norms of the region by multiplying the Isolation Factor of the region by the entire calculated value of the CRV.*
- **Direct Cost CRV with Isolation Factor** – *The total cost after the Isolation Factor is applied.*
- **Net Construction Markup** – *A calculation is used to standardize construction costs nationwide. The Net Construction Markup is measured in percentages. The same percentage is applied to all CRV calculations.*
- **Total CRV** - *The total Current Replacement Value is calculated by adding Direct Cost with Isolation Factor and the Net Construction Markup.*

Calculator

1100	Building		History: CRV Update Due	Clear
Maximo ID	Location Description	Location Status	Location CRV	CRV
AB105969	BUILDING / SCHOOL / OTHER / DAY Located at IE026 (CHITIMACHA DAY SCHOOL)	OPERATING	27813.00 SF	Current CRV in IAFMS: \$7,219,420.00 Last Calculated Year: N/A FCI: 0
Comments: (Max 100 characters)				
Direct Cost CRV based on national average: \$0.00 Isolation Factor: 1.00 Direct Cost CRV with Isolation Factor: \$0.00 Net Construction Markup 77.744%: \$0.00 Total CRV: \$0.00				

Guidance

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the **Historic/Other Costs** section of the Calculator to complete the estimate.

For items added to the **Historic/Other Costs** section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Stud/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Sliding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Sliding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem.					
Face Brick with Concrete Block Back-up/Steel Joist/Steel Frame	0	SF	\$161.70	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Bearing Walls	0	SF	\$154.78	\$0.00	\$0.00
Decorative Concrete Block/Bearing Walls	0	SF	\$150.62	\$0.00	\$0.00
Decorative Concrete Block/Steel Walls/Frame	0	SF	\$155.10	\$0.00	\$0.00
Stucco on Concrete Block/Bearing Walls	0	SF	\$148.77	\$0.00	\$0.00
Stucco on Concrete Block/Steel Frame	0	SF	\$155.69	\$0.00	\$0.00
School Jr. High, 2-3 story					
School Sr. High 2-3 story					
Dormitory 2-3 story					
Fire Station					

1.4.4 Assemblies Data Detail

The CRV Calculator is divided up into location components which are referred to as assets. Within those assets, the components are identified as assemblies. The **CRV Calculator** provides the following fields for each of location's Assembly, as shown below.

- **Asset/Feature/Type Description** – a text description of the Asset.
- **Quantity** – the number of Assets.
- **UOM** – the Unit of Measure the Assets are sold in.
- **Unit Price** – The cost of the unit of the Asset.
- **Fixed Price** – The base cost of buying any number of the item.
- **Cost** – The product of the Fixed Price plus the Quantity multiplied by the Unit Price.

Calculator					
1100	Building			History: CRV Update Due	Clear
Maximo ID	Location Description	Location Status	Location GSF		CRV
AB105569	BUILDING / SCHOOL / OTHER / DAY Located at IE026 (CHITIMACHA DAY SCHOOL)	OPERATING	27813.00 SF	Current CRV in IAFMS:	\$7,219,420.00
Comments: (Max 100 characters)				Last Calculated Year:	N/A
				FCI:	0
				Direct Cost CRV based on national average:	\$0.00
				Isolation Factor:	1.00
				Direct Cost CRV with Isolation Factor:	\$0.00
				Net Construction Markup 77.744%:	\$0.00
				Total CRV:	\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Sliding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Sliding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem.					
Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	0	SF	\$161.70	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Bearing Walls	0	SF	\$154.78	\$0.00	\$0.00
Decorative Concrete Block/Bearing Walls	0	SF	\$150.62	\$0.00	\$0.00
Decorative Concrete Block/Steel Walls/Frame	0	SF	\$155.10	\$0.00	\$0.00
Stucco on Concrete Block/Bearing Walls	0	SF	\$148.77	\$0.00	\$0.00
Stucco on Concrete Block/Steel Frame	0	SF	\$155.69	\$0.00	\$0.00
School Jr. High, 2-3 Story					
School Sr. High 2-3 Story					
Dormitory 2-3 story					
Fire Station					

Guidance

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the **Historic/Other Costs** section of the Calculator to complete the estimate.
- For Items added to the **Historic/Other Costs** section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

The Assemblies UOM, Fixed Costs and Costs field values are predetermined. The user may not modify any of these fields in the **CRV Calculator** interface.

When the value of the Quantity is updated in the **CRV Calculator**, the Cost field is dynamically updated. These changes are also reflected in the overall CRV calculations and the percentage value of the Net Construction Markup.

1.4.5 Historic/Other Costs Asset Component

In case the CRV Calculator does not contain the assembly required for the specific Location, you can use **Historic/Other Costs** component to add up to six custom assemblies.

The Historic/Other Costs section mirrors the format of other fixed Assembly components of the **CRV Calculator**, as shown below.

Calculator								
1150	Room	History: CRV Update Due Clear						
Maximo ID	Location Description	Location Status	Location GSP	CRV				
AB108599	Quarters, Kitchen	OPERATING	0 SF	Current CRV in IAFMS:	\$0.00			
Located at IA003 (CHEYENNE RIVER AGENCY)				Last Calculated Year:	N/A			
Comments: (Max 100 characters) <div style="border: 1px solid gray; height: 40px; width: 100%;"></div>				FCI:	0			
				Direct Cost CRV based on national average:				\$0.00
				Isolation Factor:	CHEYENNE RIVER AGENCY: 1.00		1.00	
				Direct Cost CRV with Isolation Factor:				\$0.00
				Net Construction Markup 77.744%				\$0.00
				Total CRV:				\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office	1 story	0	\$152.37	\$0.00	\$0.00
	2-4 story	0	\$161.30	\$0.00	\$0.00
School					
Dormitory					
Fire Station					
Warehouse					
Historic / Other Costs		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00

Guida

- If after e CRV is no Costs sec
- For Item costs will Location F average c

Save Return to Location List Export to Excel

When the values of Quantity and Unit Price are entered, the Cost field is dynamically updated for each Assembly of the **Historic/Other Costs** component and the total CRV costs.

1.4.6 Hiding/Unhiding Asset Components

You can hide any given Asset’s detail data on the **CRV Calculator** by clicking on the button with the illustrated minus sign shown below.

Calculator

1100	Building		History: CRV Update Due Clear		
Maximo ID	Location Description	Location Status	Location GSF	CRV	Last Approved CRV
AB100001	Office	OPERATING	17586.00 SF	Current CRV in IAFMS: \$433,142,997.06	
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year: 2013	
Comments: (Max 100 characters) <div style="border: 1px solid gray; height: 40px; width: 100%; margin-top: 5px;"></div>				FCI: 0	
				Direct Cost CRV based on national average:	\$0.00 \$121,844,618.40
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00 2.00
				Direct Cost CRV with Isolation Factor:	\$0.00 \$121,844,618.40
				Net Construction Markup 77.744%	\$0.00 \$94,726,880.13
				Total CRV:	\$0.00 \$216,571,498.53

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story -					
Brick on Block/Steel Roof Deck	654560.00	SF	\$170.64	\$0.00	\$111,694,118.40
Last Approved: 12/3/2013	654560.0000	SF	\$170.64	\$0.00	\$111,694,118.40
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	67670.000	SF	\$150.00	\$0.00	\$10,150,500.00
Last Approved: 12/3/2013	67670.0000	SF	\$150.00	\$0.00	\$10,150,500.00
Office 2-4 story +					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$169.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Siding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem. -					
School Jr. High, 2-3 Story -					

Upon clicking on the button with the minus sign, the Asset component will collapse into one row and the button, with an illustrated plus sign, will display as shown below.

Calculator						
1100	Building			History: CRV Update Due	Clear	
Maximo ID	Location Description	Location Status	Location GSF		CRV	Last Approved CRV
AB100001	Office	OPERATING	17586.00 SF	Current CRV in IAFMS:	\$433,142,997.06	
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year:	2013	
Comments: (Max 100 characters)				FCI:	0	
				Direct Cost CRV based on national average:	\$121,844,618.40	\$121,844,618.40
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00	2.00
				Direct Cost CRV with Isolation Factor:	\$121,844,618.40	\$121,844,618.40
				Net Construction Markup 77.744%	\$94,726,880.12	\$94,726,880.13
				Total CRV:	\$216,571,498.52	\$216,571,498.53
Asset/Feature/Type Description						
Quantity	UOM	Unit Price	Fixed Price	Cost		
Office 1 story						
Office 2-4 story						
0	SF	\$148.58	\$0.00	\$0.00		
0	SF	\$168.22	\$0.00	\$0.00		
0	SF	\$187.80	\$0.00	\$0.00		
0	SF	\$140.58	\$0.00	\$0.00		
School Elem.						
0	SF	\$161.70	\$0.00	\$0.00		

Guidance

- If after ente CRV is not re Costs section
- For items a costs will be Location Fac average cost

To expand the Asset component again, click on the button with the plus sign, as illustrated below.

Calculator						
1100	Building			History: CRV Update Due	Clear	
Maximo ID	Location Description	Location Status	Location GSF		CRV	Last Approved CRV
AB100001	Office	OPERATING	17586.00 SF	Current CRV in IAFMS:	\$433,142,997.06	
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year:	2013	
Comments: (Max 100 characters)				FCI:	0	
				Direct Cost CRV based on national average:	\$121,844,618.40	\$121,844,618.40
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00	2.00
				Direct Cost CRV with Isolation Factor:	\$121,844,618.40	\$121,844,618.40
				Net Construction Markup 77.744%	\$94,726,880.12	\$94,726,880.13
				Total CRV:	\$216,571,498.52	\$216,571,498.53
Asset/Feature/Type Description						
Quantity	UOM	Unit Price	Fixed Price	Cost		
Office 1 story						
Office 2-4 story						
0	SF	\$148.58	\$0.00	\$0.00		
0	SF	\$168.22	\$0.00	\$0.00		
0	SF	\$187.80	\$0.00	\$0.00		
0	SF	\$140.58	\$0.00	\$0.00		
School Elem.						
0	SF	\$161.70	\$0.00	\$0.00		
0	SF	\$154.78	\$0.00	\$0.00		

1.4.7 Approved CRV Data Detail

If the given Location record has previously approved CRV and is eligible for CRV update (Location’s WebCRV Status is “CRV Update Due”), the **CRV Calculator** will display previously approved CRV totals in the “Last Approved CRV” column, as shown below. If a previous approved CRV does not exist, this column will not be visible.

The “Last Approved CRV” column is synonymous to the current “CRV “column. See Section 1.4.3 for the list of the CRV data detail fields.

Calculator

1100
Building

History: CRV Update Due Clear

Maximo ID	Location Description	Location Status	Location GSF	CRV	Last Approved CRV
AB100001	Office	OPERATING	17588.00 SF	Current CRV in IAFMS: \$365,740.27	
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year: 2013	
Comments: <i>(Max 100 characters)</i> <div style="border: 1px solid gray; height: 40px; width: 100%;"></div>				FCI: 0	
				Direct Cost CRV based on national average:	\$0.00
				Isolation Factor: test: 2.00	2.00
				Direct Cost CRV with Isolation Factor:	\$0.00
				Net Construction Markup 77.7440%	\$0.00
				Total CRV:	\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00

Additionally, if the Location record has previously approved CRV, the **CRV Calculator** will add one row for each Assembly that had the Quantity field populated in previously approved CRV, as illustrated below. For those Assemblies that did not have Quantities field populated in previously approved CRV, the additional row will not be revealed.

The added row mirrors the format of the current Assembly row. See Section 1.4.4 for Assembly data details.

Calculator

1100	Building			History: CRV Update Due Clear		
Maximo ID	Location Description	Location Status	Location GSF	CRV	Last Approved CRV	
AB100003	Shop, Maintenance	OPERATING	8335.00 SF	Current CRV in IAFMS: \$818,781,968.47		
Located at IA003 (CHEYENNE RIVER AGENCY)				Last Calculated Year: 2013		
Comments: <i>(Max 100 characters)</i> <div style="border: 1px solid gray; height: 40px; width: 100%;"></div>				FCI: 0		
		Direct Cost CRV based on national average:		\$0.00	\$348,119,748.89	
		Isolation Factor: CHEYENNE RIVER AGENCY: 1.00		1.00	1.00	
		Direct Cost CRV with Isolation Factor:		\$0.00	\$348,119,748.89	
		Net Construction Markup 77.744%		\$0.00	\$270,642,217.58	
		Total CRV:		\$0.00	\$618,781,968.47	

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost	
Office 1 story	Brick on Block/Steel Roof Deck	3.0000	SF	\$170.64	\$0.00	\$511.92
	<i>Last Approved: 12/2/2013</i>	3.0000	SF	\$170.64	\$0.00	\$511.92
	Brick on Block/Wood Truss	10.0000	SF	\$123.14	\$0.00	\$1,231.40
	<i>Last Approved: 12/2/2013</i>	10.0000	SF	\$123.14	\$0.00	\$1,231.40
	EIFS on Metal Studs/Steel Roof Deck	3.0000	SF	\$165.71	\$0.00	\$497.13
	<i>Last Approved: 12/2/2013</i>	3.0000	SF	\$165.71	\$0.00	\$497.13

Guida

- If after e CRV is n Costs se
- For item costs will Location average

1.4.8 Hiding/Unhiding Previously Approved CRV data

If you no longer want to view the values of the previously approved CRV data, click on the **Merge Last Approved CRV Values** button, as shown below. The **Merge Last Approved CRV Values** button is visible on the **CRV Calculator** only when Location has previously approved CRV data. If the Location does not have previously approved CRV, the button will not be displayed.

Maximo ID	Location Description	Location Status	Location GSF	Current CRV in IAFMS:	CRV	Last Approved CRV
AB100003	Shop, Maintenance Located at IA003 (CHEYENNE RIVER AGENCY)	OPERATING	8335.00 SF	2013	\$618,761,966.47	

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	3.0000	SF	\$170.64	\$0.00	\$511.92
Brick on Block/Wood Truss	10.0000	SF	\$123.14	\$0.00	\$1,231.40
EIFS on Metal Studs/Steel Roof Deck	3.0000	SF	\$165.71	\$0.00	\$497.13

Upon clicking on the **Merge Last Approved CRV Values** button, **CRV Calculator** hides the **“Last Approved CRV”** column data and the Assembly data as shown below.

Maximo ID	Location Description	Location Status	Location GSF	Current CRV in IAFMS:	CRV	Last Approved CRV
AB100003	Shop, Maintenance Located at IA003 (CHEYENNE RIVER AGENCY)	OPERATING	8335.00 SF	2013	\$618,761,966.47	

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 2-4 story					
Brick Veneer/Wood Frame	2342349.00	SF	\$148.58	\$0.00	\$348,024,877.20
Face Brick with Concrete Block Back-up/Wood Joists	342.0000	SF	\$168.22	\$0.00	\$57,531.24
Glass and Metal Curtain Wall/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Siding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem.					
Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	0	SF	\$181.70	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Rear...	0	SF	\$154.78	\$0.00	\$0.00

If you want to unhide the previous CVR totals and Assemblies, click on the same **Merge Last Approved CRV Values** button shown above.

1.4.9 History Dropdown Field

The **History** field displays the Location's current CRV Status (WebCRV Status), as shown below. The values in the list can be one of the following:

- Approved: [Date: mm/dd/yyyy]
- Pending CO Approval
- CRV Update Due
- CRV Update Due (Rejected).

Calculator						
1100	Building			History: CRV Update Due	Clear	
Maximo ID	Location Description	Location Status	Location GSF	CRV	Last Approved CRV	
AB100004	Fire Station	OPERATING	8835.00 SF	Current CRV in IAFMS:	\$0.00	
Located at IA003 (CHEYENNE RIVER AGENCY)				Last Calculated Year:	2013	
Comments: (Max 100 characters)				FCI:	0	
				Direct Cost CRV based on national average:	\$0.00	\$0.00
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00	1.00
				Direct Cost CRV with Isolation Factor:	\$0.00	\$0.00
				Net Construction Markup 77.744%	\$0.00	\$0.00
				Total CRV:	\$0.00	\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.84	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00

Guidance

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the Historic/Other Costs section of the Calculator to complete the estimate.

- For items added to the Historic/Other Costs section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

If the Location had been approved in the past, the previously approved status will appear in the History dropdown list, as shown below.

Calculator						
1100	Building			History: CRV Update Due	Clear	
Maximo ID	Location Description	Location Status	Location GSF	CRV	Last Approved CRV	
AB100004	Fire Station	OPERATING	8835.00 SF	Current CRV in IAFMS:	\$0.00	
Located at IA003 (CHEYENNE RIVER AGENCY)				Last Calculated Year:	2013	
Comments: (Max 100 characters)				FCI:	0	
				Direct Cost CRV based on national average:	\$0.00	\$0.00
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00	1.00
				Direct Cost CRV with Isolation Factor:	\$0.00	\$0.00
				Net Construction Markup 77.744%	\$0.00	\$0.00
				Total CRV:	\$0.00	\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.84	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					

Guidance

- If after entering the CRV is not reasonable, they should utilize the Historic/Other Costs section of the Calculator to complete the estimate.

- For items added to the Historic/Other Costs section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

Upon selecting CRV status from the **History** dropdown field, the **CRV Calculator** will dynamically display the corresponding CRV data.

1.4.10 Recalculating CRV

Depending on the status displayed in the History dropdown field, the user’s options to recalculate Location’s CRV in the CRV Calculator will vary.

The CRV statuses (WebCRV Status) will only be one of the following:

- **CRV Update Due** – Location requires a new CRV.
- **CRV Update Due (Rejected)** – Location requires a new CRV, because the previously submitted CRV had been rejected.
- **Pending CO Approval** – Location’s CRV is pending for approval.
- **Approved** – Location’s CRV is approved, no further action is required.

1.4.11 CRV Update Due/ CRV Update Due (Rejected) Status

If the CRV Status is “CRV Update Due” or “CRV Update Due (Rejected)”, the “**Clear**” button is displayed as illustrated below.

The screenshot shows the 'Calculator' interface for location ID 1100, 'Building'. The 'History' dropdown menu is set to 'CRV Update Due', and a 'Clear' button is visible next to it. The table below displays the CRV calculation details.

Maximo ID	Location Description	Location Status	Location GSF	CRV	Last Approved CRV
AB100001	Office	OPERATING	17586.00 SF	Current CRV in IAFMS: \$216,571,509.19	
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year: 2013	
Comments: (Max 100 characters)				FCI: 0	
				Direct Cost CRV based on national average: \$0.00	\$121,844,624.40
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00
				Direct Cost CRV with Isolation Factor: \$0.00	\$121,844,624.40
				Net Construction Markup 0%	\$0.00 \$94,726,884.79
				Total CRV: \$0.00	\$216,571,509.19

Upon clicking on the “Clear” button, the **CRV Calculator** fields will revert to default state to perform new CRV calculations, as shown below.

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.84	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Siding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00

If the given Location record has previously approved CRV, the **CRV Calculator** will revert to previously approved CRV values.

1.4.12 Pending CO Approval Status

If the CRV Status is “Pending CO Approval”, the “**Revert**” button is shown, as displayed below. The **Revert** button allows user to undo/reject the CRV calculation for the approval process and return to previous CRV Status of “CRV Update Due”. This action will permit a user to recalculate current CRV and resubmit request for approval.

Calculator					
1100	Building		History	Pending Central Office Approval	Revert
Maximo ID	Location Description	Location Status	Location GSF	CRV	
AB100006	Storage, Non-Heated	OPERATING	400.00 SF	Current CRV in IAFMS:	\$68,362.86
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year:	N/A
Comments: (Max 100 characters)				FCI:	0
				Direct Cost CRV based on national average:	\$405,758.28
				Isolation Factor: Anna Deriz: 3.00	3.00
				Direct Cost CRV with Isolation Factor:	\$1,217,274.84
				Net Construction Markup 77.7440%	\$946,358.15
				Total CRV:	\$2,163,632.99

Clicking on the “**Revert**” button will trigger a warning message, shown below, that the request to approve current CRV calculation will be deleted and the location’s CRV will revert to previous CRV state.

The page at 10.0.1.37 says:



Are you sure you want to revert to the previous CRV calculation and delete the current CRV calculation? Press OK to revert. Press Cancel to leave the current CRV calculation and return to the previous screen.

The warning message provides you with an option to either cancel or proceed with reverting Location’s CRV to previous status of “CRV Update Due” by clicking on the “OK” button or the “Cancel” button.

If you click on the **OK** button of the warning message, the Location’s CRV will revert to “CRV Update Due” status.

The CRV Calculator will retain previous CRV values as editable entries as shown below.

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost	
Office	1 story	340.0000	0	\$0.00	\$0.00	
	2-4 story	340.0000	0	\$0.00	\$0.00	
School	School Elem.	0	0	\$0.00	\$0.00	
	School Jr. High, 2-3 Story	0	0	\$0.00	\$0.00	
	School Sr.High 2-3 Story	0	0	\$0.00	\$0.00	
Dormitory	2-3 story	0	0	\$0.00	\$0.00	
Fire Station	Brick on Block/Steel Roof Deck	0	0	\$0.00	\$0.00	
Warehouse	Tiltup Concrete Panel/Steel Roof Deck	0	0	\$0.00	\$0.00	
Historic / Other Costs		343.0000	0	4.0000	\$0.00	\$1,372.00
		0	0	0	\$0.00	\$0.00

If you click on the **Cancel** button of the warning message, displayed above, the status of the CRV will remain unchanged.

1.4.13 Approved Status

If the CRV Status is “Approved”, CRV Calculator displays “**Update CRV**” button, as shown below. The “**Update CRV**” button allows to revert CRV Status to “CRV Update Due” in order to recalculate the approved CRV.

Calculator					
1100	Building			History: Approved: 12/02/2013	Update CRV
Maximo ID	Location Description	Location Status	Location GSF	Current CRV in IAFMS:	CRV
AB100002	Warehouse	OPERATING	5625.00 SF		\$166,961.46
Comments: (Max 100 characters)				Last Calculated Year:	2013
				FCI:	0
				Direct Cost CRV based on national average:	\$93,933.67
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00
				Direct Cost CRV with Isolation Factor:	\$93,933.67
				Net Construction Markup 77.7440%	\$73,027.79
				Total CRV:	\$166,961.46

Upon clicking on the “**Update CRV**” button, the **CRV Calculator** will retain previous CRV values as editable entries as shown below.

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost	
Office	1 story	340.0000	0	\$0.00	\$0.00	
	2-4 story	340.0000	0	\$0.00	\$0.00	
School	School Elem.	0	0	\$0.00	\$0.00	
	School Jr. High, 2-3 Story	0	0	\$0.00	\$0.00	
	School Sr.High 2-3 Story	0	0	\$0.00	\$0.00	
Dormitory	2-3 story	0	0	\$0.00	\$0.00	
Fire Station	Brick on Block/Steel Roof Deck	0	0	\$0.00	\$0.00	
Warehouse	Tiltup Concrete Panel/Steel Roof Deck	0	0	\$0.00	\$0.00	
Historic / Other Costs		343.0000	0	4.0000	\$0.00	\$1,372.00
		0	0	0	\$0.00	\$0.00

1.4.14 Guidance Field Detail

The Guidance field provides brief instructions and tips on how to employ the **CRV Calculator** to come up with the CRV values for the Location.

Calculator

1100	Building		History: CRV Update Due	Clear	
Maximo ID	Location Description	Location Status	Location GSF	CRV	
AB105569	BUILDING / SCHOOL / OTHER / DAY Located at IIE026 (CHITIMACHA DAY SCHOOL)	OPERATING	27813.00 SF	Current CRV In IAFMS: \$7,219,420.00 Last Calculated Year: N/A	
Comments: (Max 100 characters)		FCI:		0	
<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>		Direct Cost CRV based on national average:		\$0.00	
		Isolation Factor:		1.00	
		Direct Cost CRV with Isolation Factor:		\$0.00	
		Net Construction Markup 77.744%:		\$0.00	
		Total CRV:		\$0.00	


Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Office 2-4 story					
Brick Veneer/Wood Frame	0	SF	\$148.58	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Wood Joists	0	SF	\$168.22	\$0.00	\$0.00
Glass and Metal Curtain Wall/R/Concrete Frame	0	SF	\$187.80	\$0.00	\$0.00
Wood Siding/Wood Frame	0	SF	\$140.58	\$0.00	\$0.00
School Elem.					
Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	0	SF	\$161.70	\$0.00	\$0.00
Face Brick with Concrete Block Back-up/Bearing Walls	0	SF	\$154.78	\$0.00	\$0.00
Decorative Concrete Block/Bearing Walls	0	SF	\$150.62	\$0.00	\$0.00
Decorative Concrete Block/Steel Walls/Frame	0	SF	\$155.10	\$0.00	\$0.00
Stucco on Concrete Block/Bearing Walls	0	SF	\$148.77	\$0.00	\$0.00
Stucco on Concrete Block/Steel Frame	0	SF	\$155.69	\$0.00	\$0.00

School Jr. High, 2-3 Story	
School Sr. High 2-3 Story	

Guidance

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the **Historic/Other Costs** section of the Calculator to complete the estimate.
- For Items added to the **Historic/Other Costs** section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

If you no longer want to view content of the **Guidance** field, you can click on the **Up** arrow at the top right corner of the Guidance field as shown below.

Guidance 

- If after entering the quantities listed, the estimator feels the CRV is not reasonable, they should utilize the Historic/Other Costs section of the Calculator to complete the estimate.


- For items added to the Historic/Other Costs section, all costs will be multiplied in the worksheet by the Park Location Factor and Service Costs, so only bare national average costs should be entered.

Upon clicking on the **Up** arrow, located at the top right corner of the **Guidance** field, the **Guidance** field will collapse and the **Down** arrow will display. To unhide the content of the Guidance field again, click on the **Down** arrow, as shown below.

Due

	CRV	Last Approved CRV
IAFMS:	\$365,740.27	
ed Year:	2013	
FCI:	0	
verage:	\$0.00	\$0.00
<input type="text"/>	2.00	-1
n Factor:	\$0.00	\$0.00
7.7440%	\$0.00	\$0.00
tal CRV:	\$0.00	\$0.00

Price	Fixed Price	Cost
.64	\$0.00	\$0.00
.14	\$0.00	\$0.00
.71	\$0.00	\$0.00
.00	\$0.00	\$0.00

Guidance 

1.4.15 Saving Data Entry in CRV Calculator

Once the CRV is calculated, the **CRV Calculator** must be saved to store the CRV data and submit it to Central Office for review and approval. To save the CRV data, click on the **“Save”** button, as illustrated below.

Calculator					
1150	Room			History: CRV Update Due	Clear
Maximo ID	Location Description	Location Status	Location GSF	CRV	
AB108599	Quarters, Kitchen	OPERATING	0 SF	Current CRV in IAFMS:	\$0.00
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year:	N/A
Comments: (Max 100 characters)				FCL:	0
<div style="border: 1px solid gray; height: 60px; width: 100%;"></div>				Direct Cost CRV based on national average:	\$0.00
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00
				Direct Cost CRV with Isolation Factor:	\$0.00
				Net Construction Markup 77.7440%	\$0.00
				Total CRV:	\$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office	1 story	0	\$0.00	\$0.00	\$0.00
	2-4 story	0	\$0.00	\$0.00	\$0.00
School	School Elem.	0	\$0.00	\$0.00	\$0.00
	School Jr. High, 2-3 Story	0	\$0.00	\$0.00	\$0.00
	School Sr.High 2-3 Story	0	\$0.00	\$0.00	\$0.00
Dormitory	2-3 story	0	\$0.00	\$0.00	\$0.00
Fire Station	Brick on Block/Steel Roof Deck	0	\$0.00	\$0.00	\$0.00
Warehouse	Tiltup Concrete Panel/Steel Roof Deck	0	\$0.00	\$0.00	\$0.00
Historic / Other Costs		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00
		0	0	\$0.00	\$0.00

Guidance

- If after enter CRV is not re Costs section
- For items ac costs will be r Location Fact average costs

Save
Return to Location List
Export to Excel

Once you click on the **Save** button, the CRV status will change to “Pending CO Approval”, as shown below.

Calculator

1150	Room		History: Pending Central Office Approval	Revert
Maximo ID	Location Description	Location Status	Location GSF	CRV
AB108599	Quarters, Kitchen	OPERATING	0 SF	Current CRV in IAFMS: \$0.00
	Located at IA003 (CHEYENNE RIVER AGENCY)			Last Calculated Year: N/A
Comments: (Max 100 characters) <div style="border: 1px solid gray; height: 40px; width: 100%;"></div>				FCI: 0
				Direct Cost CRV based on national average: \$1,372.00
			Isolation Factor: CHEYENNE RIVER AGENCY: 1.00	1.00
				Direct Cost CRV with Isolation Factor: \$1,372.00
				Net Construction Markup 77.7440% \$1,086.65
				Total CRV: \$2,438.65

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office	1 story	340.0000	0	\$0.00	\$0.00
	2-4 story	340.0000	0	\$0.00	\$0.00
School	School Elem.	0	0	\$0.00	\$0.00
	School Jr. High, 2-3 Story	0	0	\$0.00	\$0.00
	School Sr.High 2-3 Story	0	0	\$0.00	\$0.00
Dormitory	2-3 story	0	0	\$0.00	\$0.00
Fire Station	Brick on Block/Steel Roof Deck	0	0	\$0.00	\$0.00
Warehouse	Tiltup Concrete Panel/Steel Roof Deck	0	0	\$0.00	\$0.00
Historic / Other Costs		343.0000	0	4.0000	\$1,372.00
		0	0	0	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00

Return to Location List
Export to Excel

Guidance

- If after entering CRV is not reason Costs section of t
- For items added costs will be multi Location Factor a average costs sh

When CRV status is "Pending CO Approval", the "Save" button is no longer available and the **CRV Calculator** fields become read-only.

If you decide to undo the submission of the **CRV Calculator**, you must click on the "Revert" button, as shown below.

Calculator

1150	Room		History: Pending Central Office Approval	Revert
------	------	--	--	---------------

Maximo ID	Location Description	Location Status	Location GSF	Current CRV in IAFMS:	CRV
AB108599	Quarters, Kitchen Located at IA003 (CHEYENNE RIVER AGENCY)	OPERATING	0 SF		\$0.00
				Last Calculated Year:	N/A
Comments: (Max 100 characters)					FCI:
					0
Direct Cost CRV based on national average:					\$1,372.00
Isolation Factor: CHEYENNE RIVER AGENCY: 1.00					1.00
Direct Cost CRV with Isolation Factor:					\$1,372.00
Net Construction Markup 77.7440%					\$1,066.65
Total CRV:					\$2,438.65

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office	1 story	340.0000	0	\$0.00	\$0.00
	2-4 story	340.0000	0	\$0.00	\$0.00
School	School Elem.	0	0	\$0.00	\$0.00
	School Jr. High, 2-3 Story	0	0	\$0.00	\$0.00
	School Sr.High 2-3 Story	0	0	\$0.00	\$0.00
Dormitory	2-3 story	0	0	\$0.00	\$0.00
Fire Station	Brick on Block/Steel Roof Deck	0	0	\$0.00	\$0.00
Warehouse	Tiltup Concrete Panel/Steel Roof Deck	0	0	\$0.00	\$0.00
Historic / Other Costs		343.0000	0	4.0000	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00
		0	0	0	\$0.00

Return to Location List Export to Excel

Guida

- If after e CRV is n Costs se
- For item costs will Location average

Upon clicking on the **Revert** button, the CRV status becomes "CRV Update Due" and the fields become editable.

You must click on the **Save** button again to re-submit your changes for review and approval by Central Office.

1.4.16 Return to Location Records Search Results from CRV Calculator

Once you have completed the CRV calculation for the given Location and you may want to view other location record's CRV that meet your search criteria by clicking on the **“Return to Location List”** button, as shown below.

Calculator

1100	Building		History: CRV Update Due Clear	
Maximo ID	Location Description	Location Status	Location GSF	CRV
AB100031	Quarters, Multi-Family Housing <small>Located at IA003 (CHEYENNE RIVER AGENCY)</small>	OPERATING	4160.00 SF	Current CRV in IAFMS: \$875,843.72 Last Calculated Year: N/A
Comments: <i>(Max 100 characters)</i> <div style="border: 1px solid gray; height: 40px; width: 100%;"></div>				FCI: 0
				Direct Cost CRV based on national average: \$0.00
		Isolation Factor: CHEYENNE RIVER AGENCY: 1.00		1.00
				Direct Cost CRV with Isolation Factor: \$0.00
				Net Construction Markup 0% \$0.00
				Total CRV: \$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story -					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Historic / Other Costs -					
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00

Save
Return to Location List
Export to Excel

By clicking on the **Return to Location List** button, the WebCRV application takes you back to the **Home** page where location records search results that meet search criteria are displayed. You can double-click on another location record to open another CRV Calculator. See Section 1.3.6 to learn about location records search results.

1.4.17 Export CRV Data to Excel Spreadsheet

You can export Location's **CRV Calculator** data into Excel spreadsheet by clicking on the "**Export to Excel**" as shown below.

Calculator

1100	Building		History: CRV Update Due Clear	
Maximo ID	Location Description	Location Status	Location GSF	CRV
AB100031	Quarters, Multi-Family Housing	OPERATING	4160.00 SF	Current CRV in IAFMS: \$875,843.72
Comments: (Max 100 characters)			Located at IA003 (CHEYENNE RIVER AGENCY)	Last Calculated Year: N/A
<div style="border: 1px solid gray; height: 100px; width: 100%;"></div>				FCI: 0
				Direct Cost CRV based on national average: \$0.00
				Isolation Factor: CHEYENNE RIVER AGENCY: 1.00 1.00
				Direct Cost CRV with Isolation Factor: \$0.00
				Net Construction Markup 0% \$0.00
				Total CRV: \$0.00

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office 1 story					
Brick on Block/Steel Roof Deck	0	SF	\$170.64	\$0.00	\$0.00
Brick on Block/Wood Truss	0	SF	\$123.14	\$0.00	\$0.00
EIFS on Metal Studs/Steel Roof Deck	0	SF	\$165.71	\$0.00	\$0.00
Wood Siding/Wood Truss	0	SF	\$150.00	\$0.00	\$0.00
Historic / Other Costs					
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00
<div style="border: 1px solid gray; height: 20px; width: 100%;"></div>	0		0	\$0.00	\$0.00

Save Return to Location List Export to Excel

Upon a click on the **Export to Excel** button, the data from the **CRV Calculator** is exported into Excel spreadsheet, as shown below.

	A	B	C	D	E	F	G
1	Asset/Feature/Type Description		Quantity	UOM	Unit Price	Fixed Price	Cost
2							
3	Office 1 story	Brick on Block/Steel Roof Deck	\$0.00	SF	\$170.64	\$0.00	\$0.00
4		Brick on Block/Wood Truss	\$0.00	SF	\$123.14	\$0.00	\$0.00
5		EIFS on Metal Studs/Steel Roof Deck	\$0.00	SF	\$165.71	\$0.00	\$0.00
6		Wood Siding/Wood Truss	\$0.00	SF	\$150.00	\$0.00	\$0.00
7	Office 2-4 story	Brick Veneer/Wood Frame	\$0.00	SF	\$148.58	\$0.00	\$0.00
8		Face Brick with Concrete Block Back-up/Wood Joists	\$0.00	SF	\$168.22	\$0.00	\$0.00
9		Glass and Metal Curtain Wall/R/Concrete Frame	\$0.00	SF	\$187.80	\$0.00	\$0.00
10		Wood Siding/Wood Frame	\$0.00	SF	\$140.58	\$0.00	\$0.00
11	School Elem.	Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	\$0.00	SF	\$161.70	\$0.00	\$0.00
12		Face Brick with Concrete Block Back-up/Bearing Walls	\$0.00	SF	\$154.78	\$0.00	\$0.00
13		Decorative Concrete Block/Bearing Walls	\$0.00	SF	\$150.62	\$0.00	\$0.00
14		Decorative Concrete Block/Steel Walls/Frame	\$0.00	SF	\$155.10	\$0.00	\$0.00
15		Stucco on Concrete Block/Bearing Walls	\$0.00	SF	\$148.77	\$0.00	\$0.00
16		Stucco on Concrete Block/Steel Frame	\$0.00	SF	\$155.69	\$0.00	\$0.00
17	School Jr. High, 2-3 Story	Face Brick with Concrete Block Back-up/Steel Joists/Steel Frame	\$0.00	SF	\$157.53	\$0.00	\$0.00
18		Face Brick with Concrete Block Back-up/Bearing Walls	\$0.00	SF	\$150.29	\$0.00	\$0.00
19		Decorative Concrete Block/Bearing Walls	\$0.00	SF	\$144.56	\$0.00	\$0.00
20		Decorative Concrete Block/Steel Walls/Frame	\$0.00	SF	\$152.31	\$0.00	\$0.00
21							

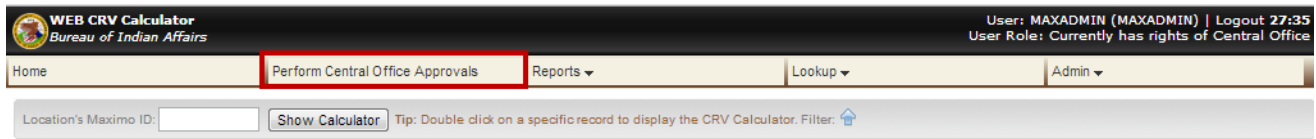
1.5 Perform Central Office Approvals Page

After the CRV had been calculated, another Central Office user will be responsible for either approving or rejecting the Location’s CRV.

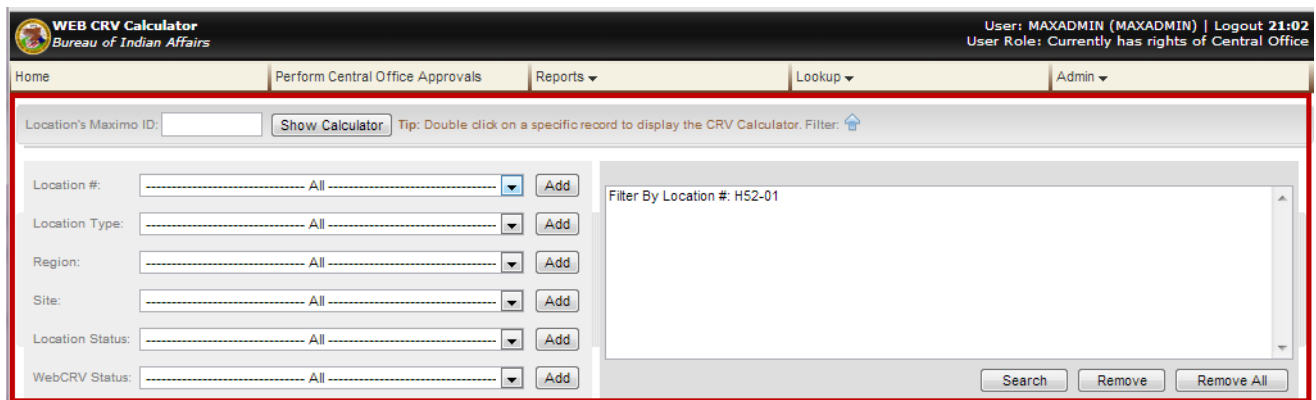
The **Perform Central Office Approvals** page allows you to search, review and approve or reject Location records that are pending CRV approval.

1.5.1 Accessing the Perform Central Office Approvals Page

To access **Perform Central Office Approvals** page, click on the **Perform Central Office Approval** link, located on the WebCRV application **Menu Bar**, as shown below.



Upon clicking on the **Perform Central Office Approvals** link, the **Perform Central Office Approvals** page displays the **Location Records Search and Filter** section, as shown below.



1.5.2 Pending Approval Location Records Search and Filter Section

The **Location Records Search and Filter** section of the **Pending Central Office Approval** page allows you to search for Locations records that are pending approval.

The **Location Records Search and Filter** section of the **Pending Central Office Approval** is formatted in the same way as the **Location Records Search and Filter** section of the WebCRV application **Home** page, as shown above. To learn more about operative functions of **Location Records Search and Filter**, see Section 1.3.2.

Note: The WebCRV Status field of the **Pending Central Office Approvals** page is obsolete. Location records search criteria will automatically default to WebCRV Status value of “Pending CO Approval”.

1.5.3 Pending Approval Location Records Search Results Section

Upon clicking on the **Search** button on the **Location Records Search and Filter** section of the **Perform Central Office Approvals** page, your search results will display in the **Location Records Search Results** section on the bottom half of the **Perform Central Office Approvals** page, as shown below.

The screenshot shows the 'WEB CRV Calculator' interface. At the top, it displays the user 'MAXADMIN (MAXADMIN)' and their role. Below the navigation bar, there are search filters for Location #, Location Type, Region, Site, Location Status, and WebCRV Status, each with an 'Add' button. A 'Show Calculator' button and a tip are also present. Below the filters, a table displays search results with columns for Region, Site, Location, Maximo, Structure, Room, Location, CRV in, Last Year, Current, Location, and WebCRV. The table contains three rows of data, each with 'Approve' and 'Reject' buttons. An 'Export To Excel (5)' button is located at the bottom right of the table area.

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100006	Storage, Non-Heated	2012	400.00 SF	\$68,362.86	N/A	\$721,211.00	OPERATING	<input type="radio"/> Approve	<input type="radio"/> Reject
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100012	Quarters, Multi-Family Housing	2018	9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	<input type="radio"/> Approve	<input type="radio"/> Reject
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101559	Office	1	13780.00 SF	\$3,006,244.80	N/A	\$0.00	OPERATING	<input type="radio"/> Approve	<input type="radio"/> Reject

On the **Location Records Search Results** section allows you to view and approve or reject records that are pending approval. The results are based on the search criteria selected in the **Location Records Search and Filter** section of the **Perform Central Office Approvals** page.

With the exception of WebCRV Status field, the **Location Records Search Results** section of the **Pending Central Office Approval** is formatted in the same way as the **Location Records Search Results** of the WebCRV application **Home** page, as shown above.

To learn more about **Location Records Search Results** specifications, see Section 1.3.6.

1.5.4 Exporting Pending Approval Search Results to Excel

You may export pending approval Location records search results data into Excel spreadsheet by clicking on the **“Export to Excel”** button, as shown in **Error! Reference source not found**. Error! Reference source not found.

Location's Maximo ID: **Show Calculator** Tip: Double click on a specific record to display the CRV Calculator. Filter:

Location #: All **Add**

Location Type: All **Add**

Region: All **Add**

Site: All **Add**

Location Status: All **Add**

WebCRV Status: All **Add**

Search **Remove** **Remove All**

1 5 Items of 5 (1 Pages) **Export To Excel (5)**

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100008	Storage, Non-Heated	2012	400.00 SF	\$68,362.88	N/A	\$721,211.00	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100012	Quarters, Multi-Family Housing	2018	9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	

Upon clicking on the **Export to Excel** button, the Location records search results data is exported into Excel spreadsheet, as display below.

	A	B	C	D	E	F	G	H	I	J
	Site	Asset Code	Location	Description	Location Quantity	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current WebCRV	IAFMS Location Status	WebCRV Status
1	IA003	1100	A01-01	Storage, Non-Heated	400.00 SF	\$68,362.86	N/A	\$721,211.00	OPERATING	Pending Central Office Approval
2	IA003	1100	A01-01	Quarters, Multi-Family Housing	9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	Pending Central Office Approval
3	IA014	1100	H52-01	Office	13780.00 SF	\$3,006,244.80	N/A	\$0.00	OPERATING	Pending Central Office Approval
4	IA014	1100	H52-01	Warehouse	1386.00 SF	\$173,233.18	N/A	\$190,112.67	OPERATING	Pending Central Office Approval
5	IA003	1150	A01-01	Quarters, Kitchen	0 SF	\$0.00	N/A	\$2,438.65	OPERATING	Pending Central Office Approval

1.5.5 Location Records Approve/Reject

WebCRV Status column, located on the Location Records Search Results section of the **Perform Central Office Approvals** page, provides the option to either approve or reject records with pending approval CRV.

WEB CRV Calculator
Bureau of Indian Affairs

User: MAXADMIN (MAXADMIN) | Logout 25:52
User Role: Currently has rights of Central Office

Home | Perform Central Office Approvals | Reports | Lookup | Admin

Location's Maximo ID: **Show Calculator** Tip: Double click on a specific record to display the CRV Calculator. Filter:

Location #: All **Add**
Location Type: All **Add**
Region: All **Add**
Site: All **Add**
Location Status: All **Add**
WebCRV Status: All **Add**

1 5 Items of 5 (1 Pages) **Export To Excel (5)**

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
All / None All / None														
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100006	Storage, Non-Heated		2012	400.00 SF	\$68,362.86	N/A	\$721,211.00	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100012	Quarters, Multi-Family Housing		2018	9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101559	Office		1	13780.00 SF	\$3,006,244.80	N/A	\$0.00	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101560	Warehouse		2	1386.00 SF	\$173,233.18	N/A	\$190,112.67	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject

On **Location Records Search Results** section, identify the records you want to approve and click on corresponding “Approve” radio button for each record you want to approve, as shown below.

Location Status: All **Add**
WebCRV Status: All **Add**

1 5 Items of 5 (1 Pages) **Export To Excel (5)**

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
All / None All / None														
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100006	Storage, Non-Heated		2012	400.00 SF	\$68,362.86	N/A	\$721,211.00	OPERATING	<input checked="" type="radio"/> Approve <input type="radio"/> Reject
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100012	Quarters, Multi-Family Housing		2018	9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	<input checked="" type="radio"/> Approve <input type="radio"/> Reject
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101559	Office		1	13780.00 SF	\$3,006,244.80	N/A	\$0.00	OPERATING	<input type="radio"/> Approve <input checked="" type="radio"/> Reject

CRV Rejected!

If you identified one or more Location records you do not want to approve, you can select the “Reject” radio button for each Location record you want to reject, as shown below.

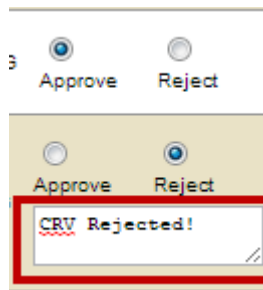
1 5 Items of 5 (1 Pages) Export To Excel (5)

Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
All / None All / None														
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100006	Storage, Non-Heated	2012		400.00 SF	\$68,362.86	N/A	\$721,211.00	OPERATING	<input checked="" type="radio"/> Approve <input type="radio"/> Reject
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100012	Quarters, Multi-Family Housing	2018		9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	<input checked="" type="radio"/> Approve <input type="radio"/> Reject
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101559	Office	1		13780.00 SF	\$3,006,244.80	N/A	\$0.00	OPERATING	<input type="radio"/> Approve <input checked="" type="radio"/> Reject

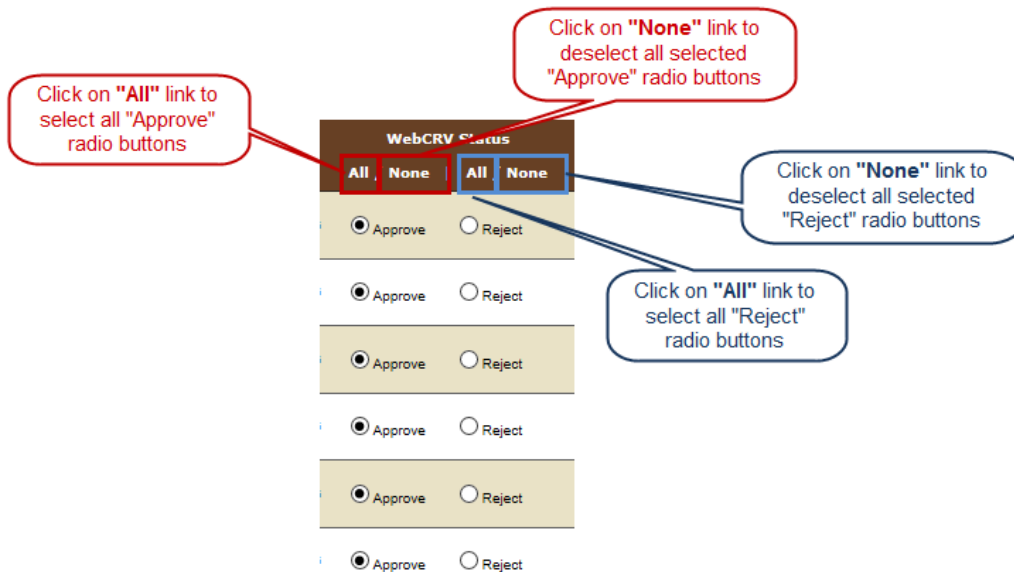
CRV Rejected!

Upon selecting a "Reject" radio button, you will be prompted to enter a reason for rejection, as illustrated below.

The rejection field is mandatory. You will not be allowed to proceed until the reason for rejection is provided.



You can select or deselect ALL Location records at once by clicking on "All" or "None" hyperlinks in the WebCRV Status column. To either approve or reject all Location records at once, click on the "All" link available above Approve or Reject columns of radio buttons. Note that you may only select one radio button per each row. If you change your mind and you want to clear your selections for Approve and/or Reject column, click on the "None" link of each column. See below for an illustration.



Once you select Location records you want to approve or reject, click on **“Submit”** button, as shown below.

WebCRV Status:

1 5 Items of 5 (1 Pages)

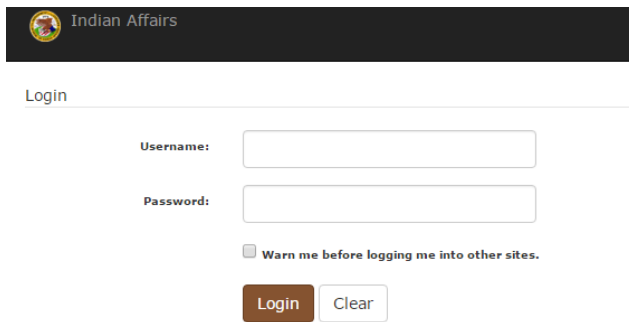
Region	Site	Site Description	Location #	Location Type	Maximo ID	Location Description	Structure #	Room #	Location GSF	CRV in IAFMS	Last Year IAFMS CRV Calculated	Current Calculated CRV	Location Status	WebCRV Status
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100006	Storage, Non-Heated	2012	400.00 SF	\$68,362.86	N/A	\$721,211.00	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1100	AB100012	Quarters, Multi-Family Housing	2018	9418.00 SF	\$1,982,860.28	N/A	\$21,437.21	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101559	Office	1	13780.00 SF	\$3,006,244.80	N/A	\$0.00	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	
WESTERN	IA014	FT APACHE AGENCY	H52-01	1100	AB101560	Warehouse	2	1388.00 SF	\$173,233.18	N/A	\$190,112.67	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	
GREAT PLAINS	IA003	CHEYENNE RIVER AGENCY	A01-01	1150	AB108599	Quarters, Kitchen	2089	0 SF	\$0.00	N/A	\$2,438.65	OPERATING	<input type="radio"/> Approve <input type="radio"/> Reject	

Upon clicking on the **“Submit”** button, the Location records’ CRV statuses will change as follows:

- If Location record had been marked as “Approved”, the Location’s status (WebCRV Status field) will change to “Approved”.
- If Location record had been marked as “Rejected”, the Location’s status (WebCRV Status field) will change to “CRV Update Due (Rejected)”.

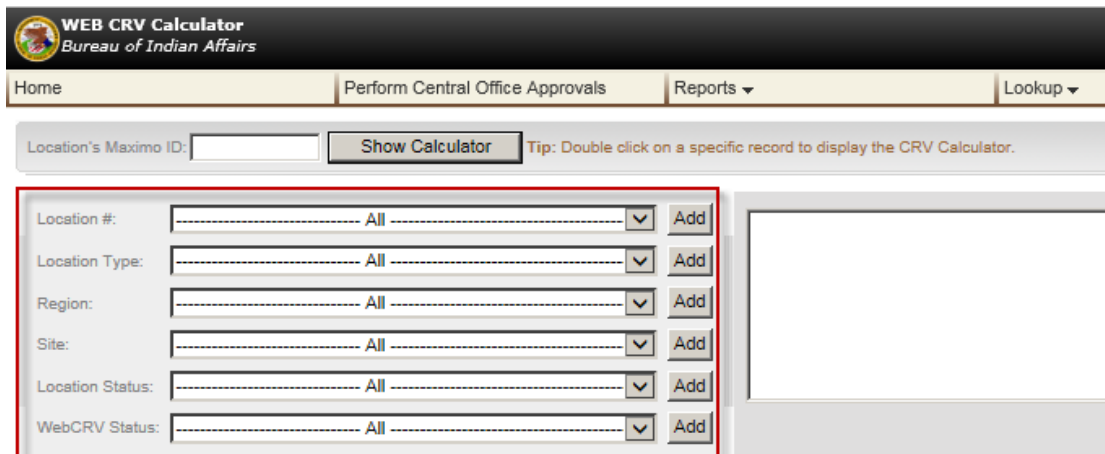
1.6 Updating the CRV

1. Log in to the WebCRV application



The image shows the login page for the Indian Affairs WebCRV application. At the top left is the Indian Affairs logo. Below it is the word "Login" followed by a horizontal line. There are two input fields: "Username:" and "Password:". Below the password field is a checkbox labeled "Warn me before logging me into other sites." At the bottom are two buttons: "Login" and "Clear".

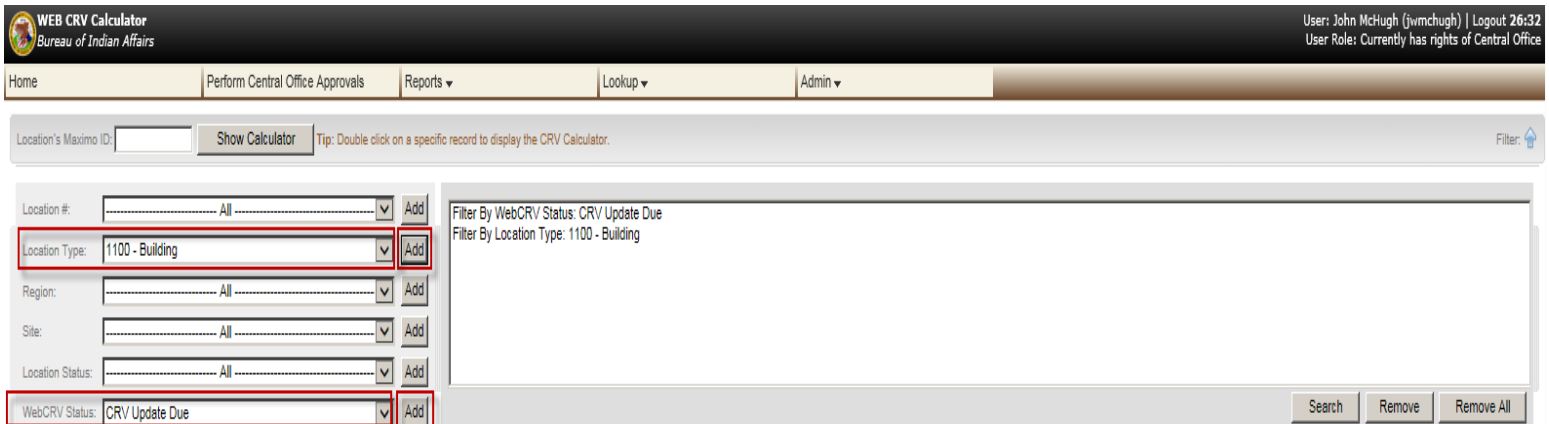
2. Refer to the Location Search & Filter section on the left-hand side of the home page.



The image shows the home page of the WEB CRV Calculator. At the top is the header "WEB CRV Calculator Bureau of Indian Affairs". Below the header is a navigation bar with "Home", "Perform Central Office Approvals", "Reports", and "Lookup". Below the navigation bar is a search bar for "Location's Maximo ID:" with a "Show Calculator" button and a tip: "Tip: Double click on a specific record to display the CRV Calculator." Below the search bar is a filter section with six dropdown menus: "Location #:", "Location Type:", "Region:", "Site:", "Location Status:", and "WebCRV Status:". Each dropdown menu has "All" selected and an "Add" button next to it. The filter section is highlighted with a red box.

3. Use one or any combination of the filter fields to search for locations requiring a CRV update.

Note: Click the **Add** button beside the filter field(s) to apply the search parameters accordingly.



The image shows the search results page of the WEB CRV Calculator. At the top is the header "WEB CRV Calculator Bureau of Indian Affairs" and the user information "User: John McHugh (jwmchugh) | Logout: 26:32 User Role: Currently has rights of Central Office". Below the header is a navigation bar with "Home", "Perform Central Office Approvals", "Reports", "Lookup", and "Admin". Below the navigation bar is a search bar for "Location's Maximo ID:" with a "Show Calculator" button and a tip: "Tip: Double click on a specific record to display the CRV Calculator." Below the search bar is a filter section with six dropdown menus: "Location #:", "Location Type:", "Region:", "Site:", "Location Status:", and "WebCRV Status:". The "Location Type:" dropdown is set to "1100 - Building" and the "WebCRV Status:" dropdown is set to "CRV Update Due". Both dropdowns and their "Add" buttons are highlighted with red boxes. To the right of the filter section is a list of filters: "Filter By WebCRV Status: CRV Update Due" and "Filter By Location Type: 1100 - Building". At the bottom right are buttons for "Search", "Remove", and "Remove All".


4. Click the **Search** button.

5. Select the location record from the result set below.

Note: Double-click to open the record and begin calculating the location’s CRV.

GREAT PLAINS	JS017	FT TOTTEN DETENTION (Fort Totten Law Enforcement Center)	A05-02	1100	AB260348	Building,Office		1792.00 SF	\$287,167.00	N/A	\$0.00	OPERATING	CRV Update Due
NAVAJO	IA004	CHINLE AGENCY	N35-01	1100	AB260349	Building,Storage		63.00 SF	\$9,127.99	N/A	\$0.00	OPERATING	CRV Update Due
WESTERN	JS018	Hopi DETENTION (Hopi Agency Detention Center)	H85-03	1100	AB260350	Building,Storage		160.00 SF	\$109,702.00	N/A	\$0.00	OPERATING	CRV Update Due

- The CRV Calculator screen opens to the location selected, displaying the location’s current CRV information.



Home | Perform Central Office Approvals | Reports ▾ | Lookup ▾

Calculator

1100
Building

History: CRV Update Due ▾
Clear

Maximo ID	Location Description	Location Status	Location GSF	CRV
AB260348	Building,Office	OPERATING	1792.00 SF	Current CRV in IAFMS: \$287,167.00
	Located at JS017 (FT TOTTEN DETENTION (Fort Totten Law Enforcement Center))			Last Calculated Year: N/A

- Identify the appropriate *Type Description* from the left-hand column and update its *Quantity* field accordingly.

WEB CRV Calculator
 Bureau of Indian Affairs

Home | Perform Central Office Approvals | Reports ▾ | Lookup ▾

Calculator

1100
Building
History: CRV Update Due ▾ Clear

Maximo ID	Location Description	Location Status	Location GSF	CRV
AB260348	Building, Office	OPERATING	1792.00 SF	Current CRV in IAFMS: \$287,187.00
	Located at JS017 (FT TOTTEN DETENTION (Fort Totten Law Enforcement Center))			Last Calculated Year: N/A

Comments: (Max 100 characters)

FCI:	0.00
Direct Cost CRV based on national average:	\$100,000.00
Isolation Factor:	1.00
Direct Cost CRV with Isolation Factor:	\$100,000.00
Net Construction Markup 77.7440%	\$77,744.00
Total CRV:	\$177,744.00

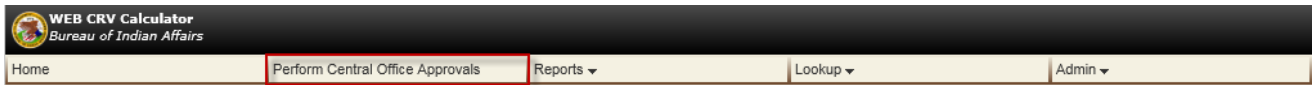
Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office	1 story	1000	\$100.00	\$0.00	\$100,000.00
	2-4 story	0	\$181.80	\$0.00	\$0.00
School	School Elem.	0	\$164.44	\$0.00	\$0.00
	School Jr. High, 2-3 Story - Test	0	\$161.07	\$0.00	\$0.00
	School Sr.High 2-3 Story	0	\$167.85	\$0.00	\$0.00
School II	School Elem. II	0	\$164.44	\$0.00	\$0.00
	School Jr. High, 2-3 Story - Test	0	\$161.07	\$0.00	\$0.00
	School Sr.High 2-3 Story	0	\$167.85	\$0.00	\$0.00

8. Scroll to the bottom of the screen and click the **Save** button.

Save
Return to Location List
Export to Excel

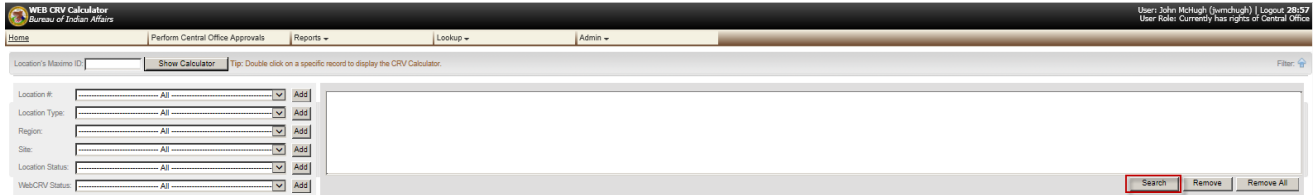
1.7 Approving/Rejecting the CRV

1. Click the Perform Central Office Approvals tab

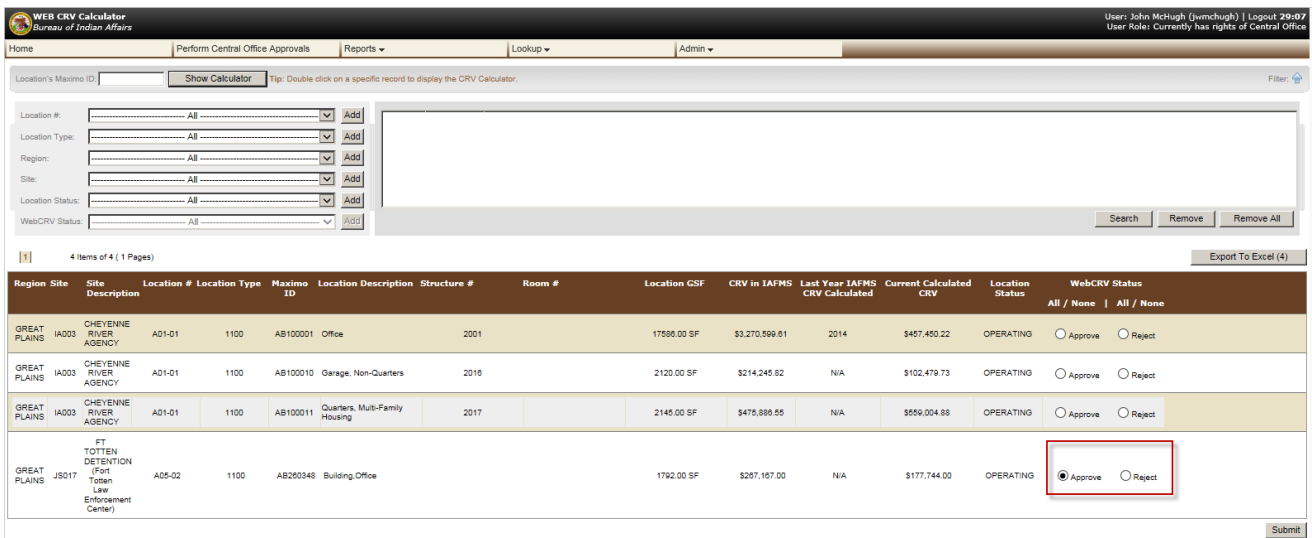


2. Use one or any combination of the filter fields to search for locations pending Central Office approval.

Note: It is also possible to simply click the Search button to retrieve all records that are pending.



3. The displayed locations are those with CRVs pending Central Office approval. Approve or reject a location's CRV.

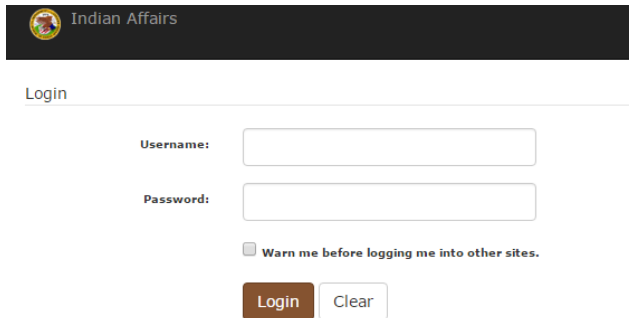


4. Click the **Submit** button in the lower right-hand corner of the screen.

Note: The location record's CRV is now updated in both the Web CRV application as well as IA-FMS (Maximo).

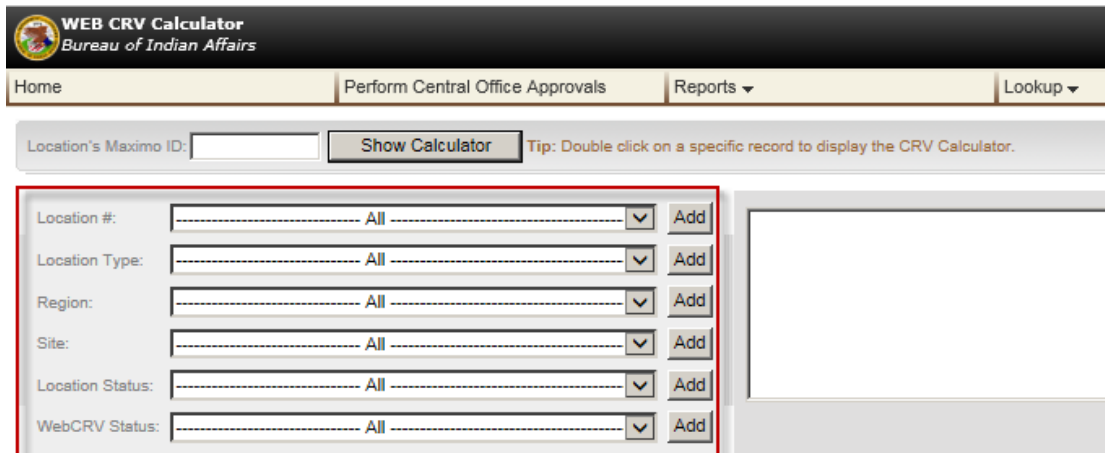
1.8 Exercise # 1 – Updating a Location’s CRV

3. Log in to the WebCRV application



The login form for the Indian Affairs application. It features a header with the Indian Affairs logo and name. Below the header is a 'Login' section with two input fields: 'Username:' and 'Password:'. There is a checkbox labeled 'Warn me before logging me into other sites.' and two buttons: 'Login' and 'Clear'.

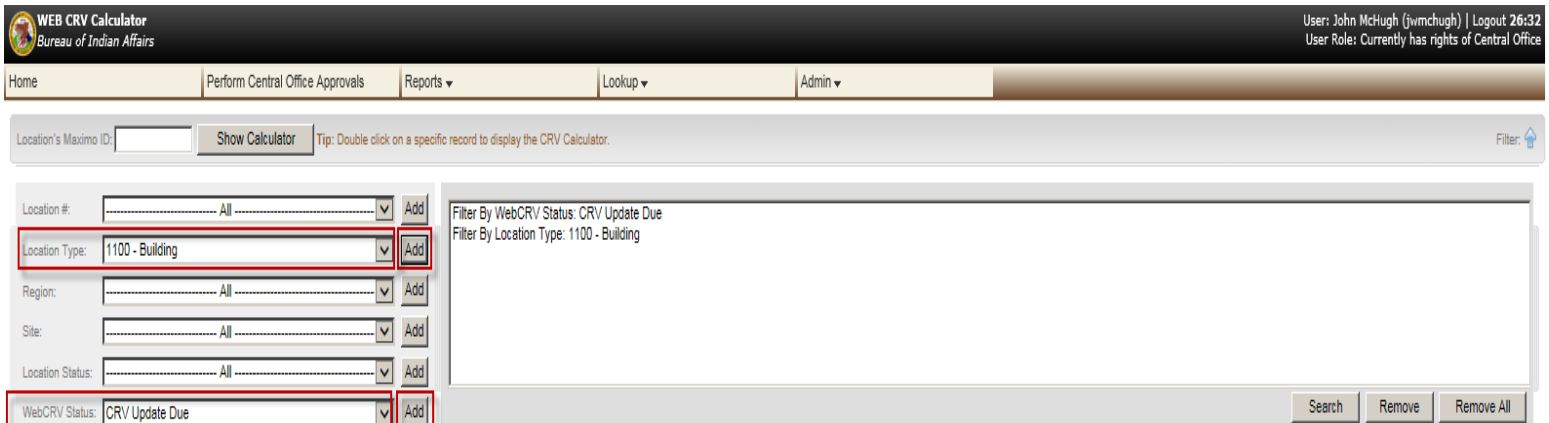
4. Refer to the Location Search & Filter section on the left-hand side of the home page.



The home page of the WEB CRV Calculator application. It includes a header with the application name and logo. Below the header is a navigation bar with links: 'Home', 'Perform Central Office Approvals', 'Reports', and 'Lookup'. A search bar for 'Location's Maximo ID' is present, along with a 'Show Calculator' button and a tip: 'Tip: Double click on a specific record to display the the CRV Calculator.' Below this is a filter section with several dropdown menus: 'Location #', 'Location Type', 'Region', 'Site', 'Location Status', and 'WebCRV Status'. Each dropdown menu has an 'Add' button next to it. The filter section is highlighted with a red box.

5. Use one or any combination of the filter fields to search for locations requiring a CRV update. For this exercise, search for buildings that are due for a CRV update.

Note: Click the **Add** button beside the filter field(s) to apply the search parameters accordingly.



The search results page of the WEB CRV Calculator application. It shows the same header and navigation bar as the home page. The search bar contains 'Location's Maximo ID:'. The filter section is populated with the following values: 'Location Type: 1100 - Building' and 'WebCRV Status: CRV Update Due'. The 'Add' buttons for these filters are highlighted with red boxes. The search results area shows the following filters applied: 'Filter By WebCRV Status: CRV Update Due' and 'Filter By Location Type: 1100 - Building'. At the bottom right, there are buttons for 'Search', 'Remove', and 'Remove All'. The user information in the top right corner reads: 'User: John McHugh (jwmchugh) | Logout 26:32 User Role: Currently has rights of Central Office'.

6. Click the **Search** button.
7. From the resulting list of location records, identify a location whose description is either Office, School, or Dormitory. Record the location's ID (Maximo ID) below.

Maximo ID: _____

8. Double-click the row to open the record and begin calculating the location's CRV.

GREAT PLAINS	JS017	FT TOTTEN DETENTION (Fort Totten Law Enforcement Center)	A05-02	1100	AB260348	Building, Office		1782.00 SF	\$287,167.00	N/A	\$0.00	OPERATING	CRV Update Due
NAVAJO	IA004	CHINLE AGENCY	N35-01	1100	AB260349	Building, Storage		63.00 SF	\$9,127.99	N/A	\$0.00	OPERATING	CRV Update Due
WESTERN	JS018	HOPI DETENTION (Hopi Agency Detention Center)	H65-03	1100	AB260350	Building, Storage		160.00 SF	\$109,702.00	N/A	\$0.00	OPERATING	CRV Update Due

9. (The CRV Calculator screen opens to the location record selected).
10. Identify the appropriate *Type Description* from the left-hand column and update its *Quantity* field accordingly.

WEB CRV Calculator
Bureau of Indian Affairs

Home | Perform Central Office Approvals | Reports ▾ | Lookup ▾

Calculator

1100
Building
History: CRV Update Due ▾
Clear

Maximo ID	Location Description	Location Status	Location GSF	CRV
AB260348	Building, Office <small>Located at JS017 (FT TOTTEN DETENTION (Fort Totten Law Enforcement Center))</small>	OPERATING	1792.00 SF	Current CRV in IAFMS: \$287,187.00
				Last Calculated Year: N/A
				FCI: 0.00
				Direct Cost CRV based on national average: \$100,000.00
				Isolation Factor: 1.00
				Direct Cost CRV with Isolation Factor: \$100,000.00
				Net Construction Markup 77.7440% \$77,744.00
				Total CRV: \$177,744.00

Comments: (Max 100 characters)

Asset/Feature/Type Description	Quantity	UOM	Unit Price	Fixed Price	Cost
Office	1 story	SF	\$100.00	\$0.00	\$100,000.00
	2-4 story	SF	\$161.80	\$0.00	\$0.00
School	School Elem.	SF	\$164.44	\$0.00	\$0.00
	School Jr. High, 2-3 Story - Test	SF	\$161.07	\$0.00	\$0.00
	School Sr.High 2-3 Story	SF	\$167.85	\$0.00	\$0.00
School II	School Elem. II	SF	\$164.44	\$0.00	\$0.00
	School Jr. High, 2-3 Story - Test	SF	\$161.07	\$0.00	\$0.00
	School Sr.High 2-3 Story	SF	\$167.85	\$0.00	\$0.00

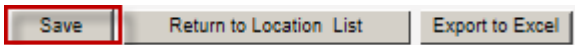
11. Take note and record the following figures on the location record:

Current CRV in IA-FMS: _____

Total CRV: _____

Calculator					
1100	Building			History: CRV Update Due Clear	
Maximo ID	Location Description	Location Status	Location GSF		CRV
AB260348	Building, Office	OPERATING	1792.00 SF	Current CRV in IAFMS:	\$287,187.00
	Located at JS017 (FT TOTTEN DETENTION (Fort Totten Law Enforcement Center))			Last Calculated Year:	N/A
Comments: (Max 100 characters)				FCI:	0.00
<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>				Direct Cost CRV based on national average:	\$100,000.00
				Isolation Factor:	1.00
				Direct Cost CRV with Isolation Factor:	\$100,000.00
				Net Construction Markup 77.7440%:	\$77,744.00
				Total CRV:	\$177,744.00

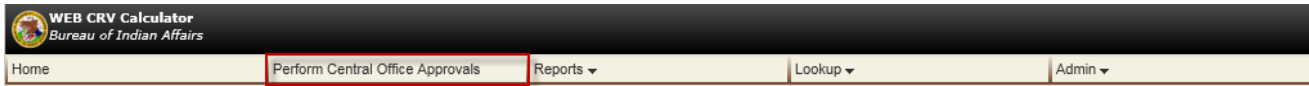
12. Scroll to the bottom of the screen and click the **Save** button.



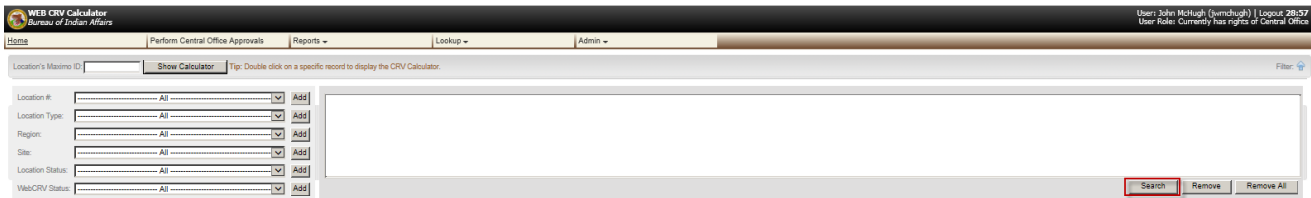
Note: The CRV has been submitted and is pending Central Office approval.

1.9 Exercise # 2 – Approving/Rejecting a Location’s CRV

1. Click the Perform Central Office Approvals tab

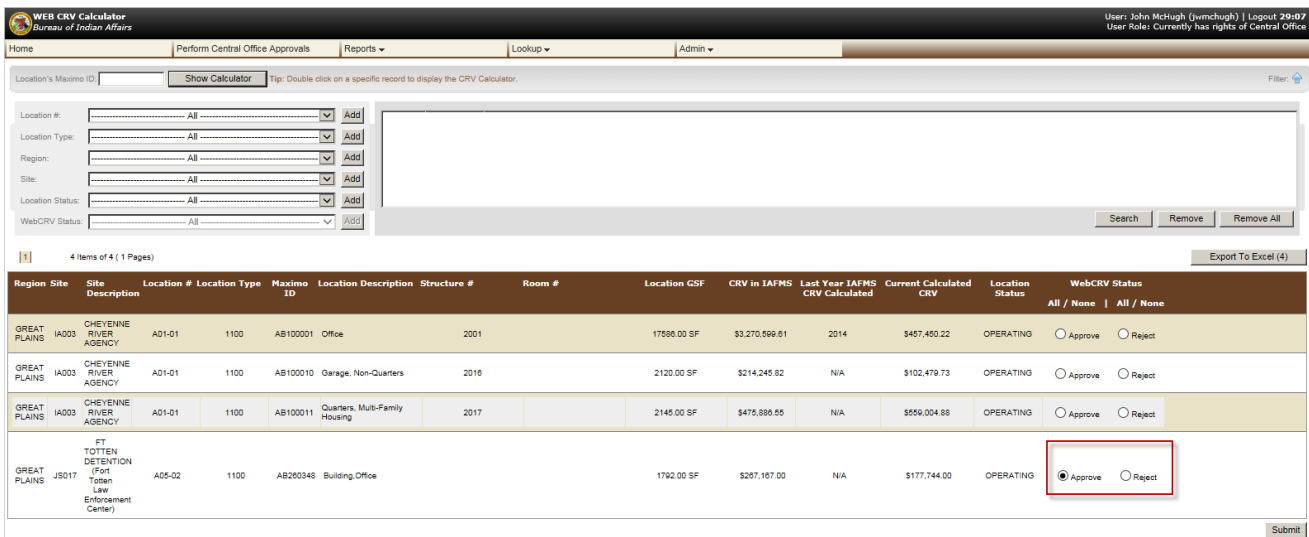


2. Click the Search button to retrieve all records that are pending Central Office approval.



3. The displayed locations are those with CRVs pending Central Office approval.

Identify the location record (Maximo ID) previously recorded in Exercise #1. For this exercise, approve the location’s CRV.



4. Click the **Submit** button in the lower right-hand corner of the screen.

Note: The location record’s CRV is now updated in both the Web CRV application as well as IA-FMS (Maximo).